An ASSESSMENT REPORT on DIAMOND DRILLING

on the

ANN 2 Mineral Claim (Harvey Zone)
Clinton Mining Division

Longitude 121°19'E, Latitude 51°58'N
UTM Coordinates 615250E, 5758500N
NTS 92P/14W

Prepared for:

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1. SUMMARY

Between June 15 and August 17, 2002, GWR Resources Inc. drilled five NQ diamond-drill holes (HAR-02-01 to 05, totaling 857.7meters) on their 100% owned ANN 2 mineral claim located 20 kilometers northeast of Lac La Hache, BC. The holes were drilled to test the extent of known outcrop mineralization (copper-gold) located in the north-central section of the claim (drilling area designated the Harvey Zone).

The ANN 2 mineral claim is situated within the Upper Triassic to Lower Jurassic Nicola Group, which forms part of the Quesnel Trough, a volcanic and sedimentary arc sequence affected by Upper Triassic to Jurassic intrusions, and by volcanic activity continuing into the Quaternary. The Quesnel Trough extends for over one thousand kilometers from northern Washington State to north-central British Columbia, and hosts several alkalic porphyry copper-gold deposits, gold-skarns and numerous porphyry occurrences.

Modern exploration activity has been carried-out, more-or-less continuously, on or around the ANN 2 mineral claim since 1966. The Harvey zone diamond drilling has further added to a large body of exploration data by again confirming the presents of copper-gold mineralization in the area.

Hole HAR-02-01 was drilled to the northwest and intersected a mineralized zone between 35 and 120 meters with an average grade of 0.25% Copper, 0.12 g/t gold and 0.77 g/t silver. Holes HAR-02-02 and 03 where collared 50 meters northwest of HAR-02-01 collar and drilled to the northeast (HAR-02-02) and to the southwest (Har-02-03) to test the trend and size of the mineralized zone. Hole HAR-02-02 did not intersect any significant mineralization. Hole HAR-02-03 intersected a mineralized zone between 14 and 35 meters with an average grade of 0.34% copper, 0.13 g/t gold and 0.96 g/t silver. Geological modeling showed the original "discovery" was a relatively narrow zone (about 15 - 20 m wide), striking about 273° azimuth and dipping about 78° to the north and that HAR-02-01 had been drilled sub-parallel to the strike. A fourth-hole (HAR-02-04) was drilled 60 meters north-northeast of HAR-02-01 to test the original "discovery" zone at depth. This hole intersected the zone between 38 and 53 meters (average grade 0.14% copper, 0.06 g/t gold and 0.44 g/t silver) and a second deeper anomalous copper-gold zone between 92 and 183 meters (average grade 0.13% Cu, 0.09g/t Au and 0.23 g/t silver). The lower zone

was interpreted to possibly define an edge of an expanded part of the mineralized system. Hole HAR-02-05 was located 100 meters northeast of hole HAR-02-04 to test a second zone of outcrop mineralization and the extent of the deep anomalous zone encountered in hole HAR-02-04. Hole HAR-02-05 intersected mineralization between 9 and 33 meters with an average grade of 0.30% copper and 0.18 g/t gold; however, the remainder of the hole (33 to 153 meters) was barren.

The Harvey zone diamond drilling indicates that at least two steep dipping sub-parallel mineralized systems occur in the Harvey zone. The copper-gold mineralization is hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite. The mineralization occurs as fine-grained sporadically disseminated pyrite and chalcopyrite (possibly related to protolith formation) and as pyrite and chalcopyrite in veins (fracture filling) and as blebs in K-feldspar-epidote alteration patches. Chalcopyrite is also found in secondary magnetite veins and patches. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration. There is some evidence to suggest the mineralized systems may be related to zoning of both lithology and alteration but more work is required to confirm and detail this.

The Harvey zone mineralized systems are open along strike and down dip and additional drilling (3 or 4 holes totaling about 700 meters) is warranted to further test the extent of the modeled copper-gold zones.

2. INTRODUCTION

In June 2002, GWR Resources Inc. initiated a diamond-drilling program to test the extent of known outcrop mineralization (copper-gold) located in the northwest section of their 100% owned ANN 2 mineral claim (see Figures1, 2 and 3). The zone (designated the Harvey Zone) is further defined by elevated copper values (100 - 800 ppm) in soil samples collected during a 1987-88 regional geochemical survey. The zone may also have some relationship to copper-gold mineralization intersected in drill holes located about 200 – 400 meters east of the Harvey Zone. GWR Resources Inc. drilled these holes in 1998 and 2000.

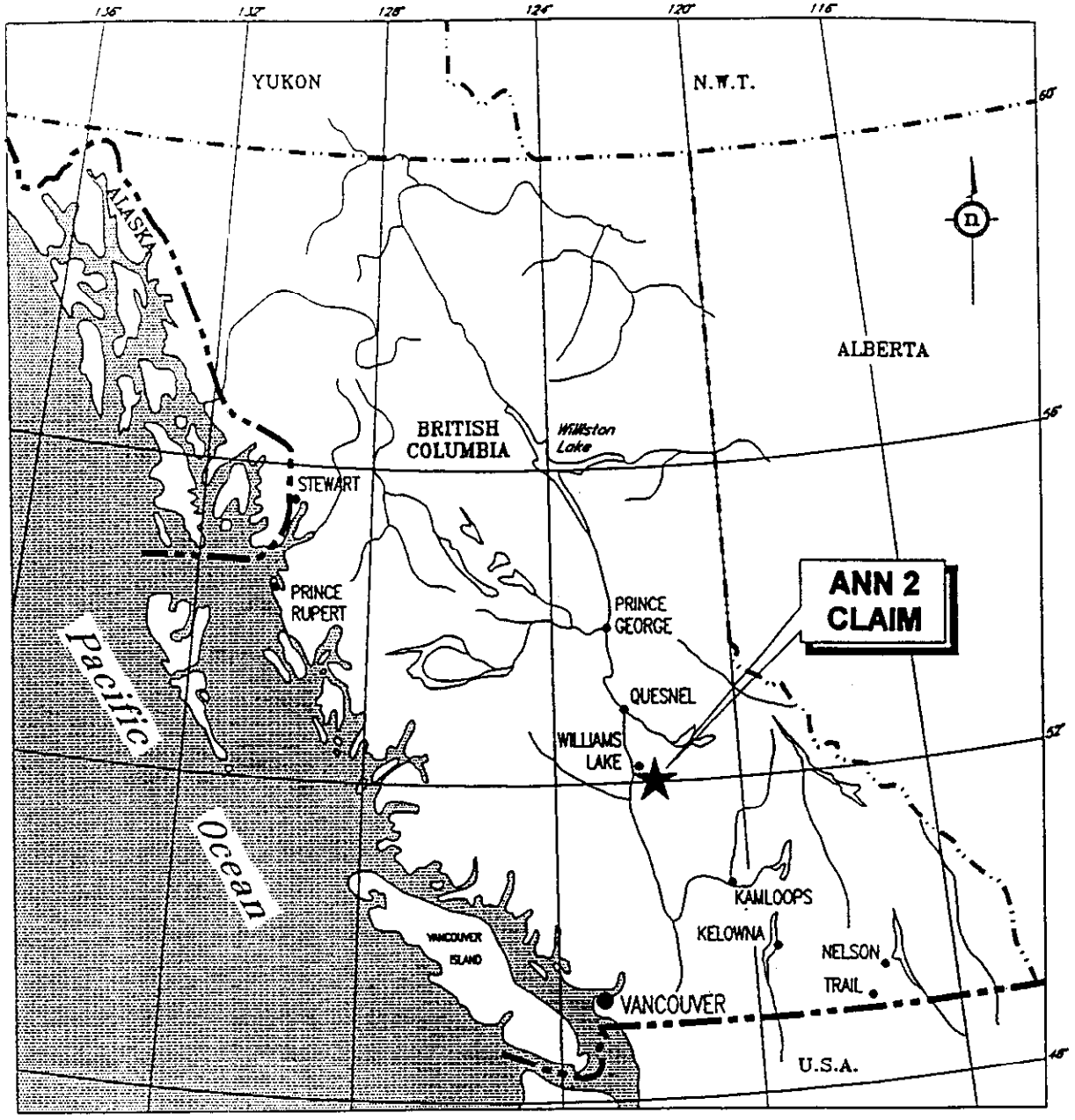
This report describes and evaluates a five hole diamond-drilling program carried out on the Harvey zone (see Figures 2 and 3) between June 15 and August 17, 2002. The five NQ-size holes (HAR 02-01 to 05) totaled 857.7 meters in length and were collared within 100 meters of each other. Drilling proceeded under the supervision of the author in consultation with GWR Resources Inc management. Fieldwork and core logging was carried-out by the author. The core was split by Mr. D. Fuller and stored on his private property in Lac La Hache, BC.

3. LOCATION AND ACCESS

The ANN 2 mineral claim is located in south-central British Columbia approximately 20 kilometers northeast of Lac La Hache, BC (see Figures 1 and 2). The approximate central coordinates are longitude 121°19' E and latitude 51°58' N; UTM Coordinates 5758700 N, 615260 E. The property is accessible from Lac La Hache by traveling 18.3 kilometers along the Timothy Mountain and Rail Lake Roads, east 7.7 kilometers along an all-weather mainline-logging road and northeast 2.8 kilometer along a secondary logging road to the drilling area. (see Figure 2).

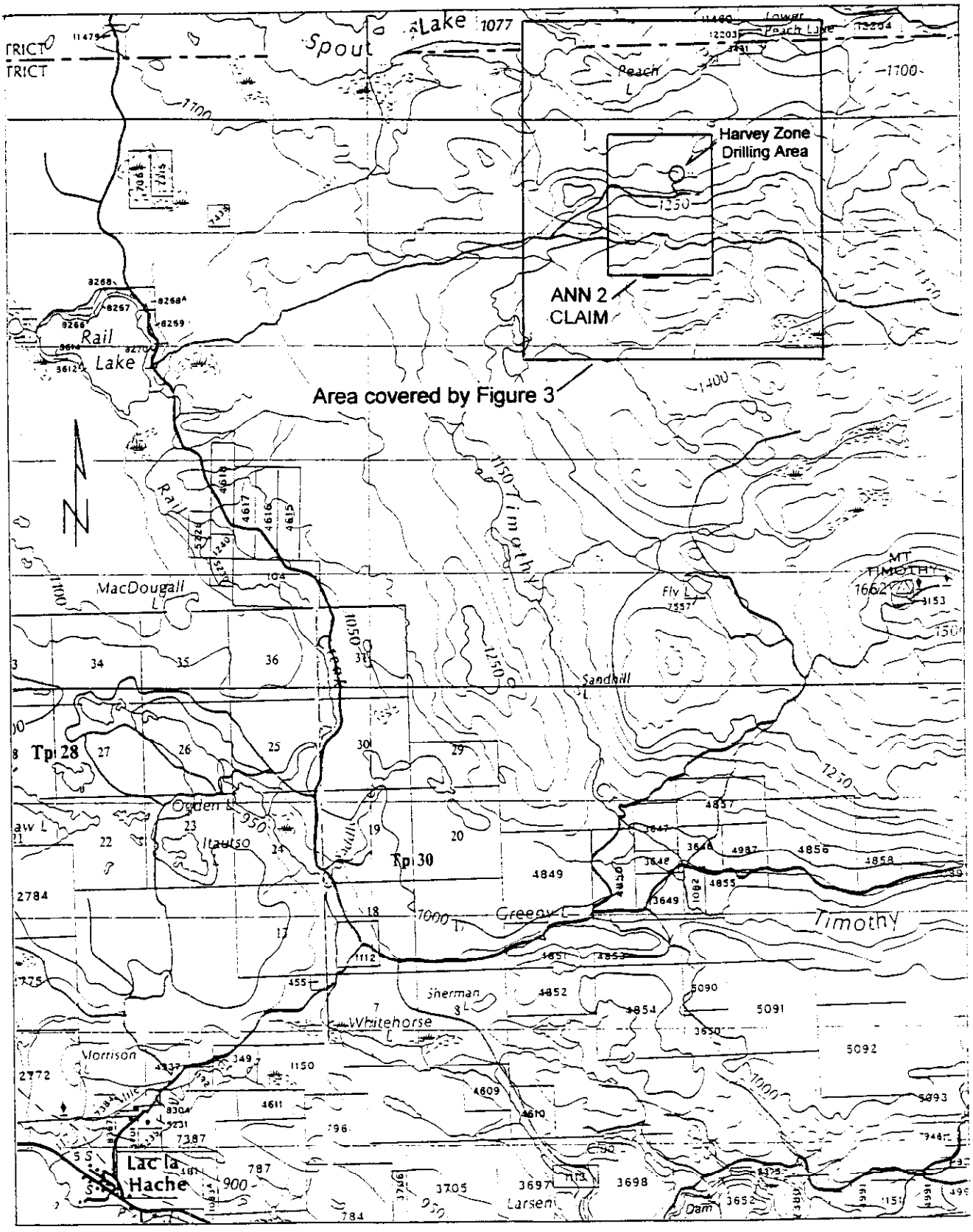
4. PHYSIOGRAPHY AND CLIMATE

The ANN 2 mineral claim is located in the Central Plateau of the Cariboo region of south-central British Columbia. Wide valleys and gentle hills ranging from 850 to 1600 meters in elevation characterize this area. Approximately 40% of the forests in the area have been



GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

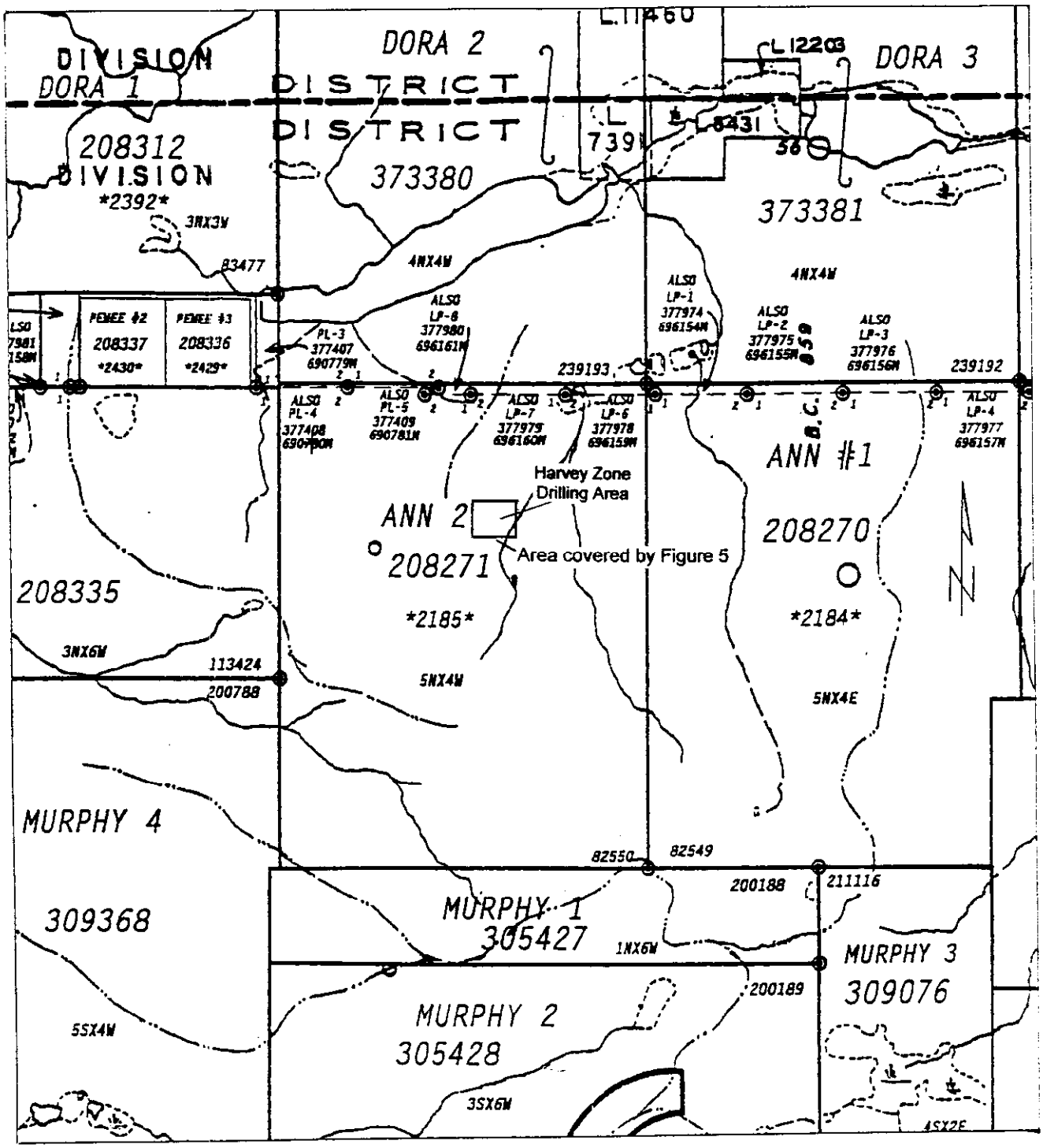
Figure 1: General location map of the ANN 2 mineral claim



GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

LAC LA HACHE Map 92 P/NW Scale 1:100,000 km 2 0 2 4

Figure 2: Regional location map of the ANN 2 mineral claim



Scale 1:31680

0 0.5 1.0 1.5

Miles

GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

MINERAL TITLES REFERENCE MAP 92 14W+E UTM Zone 10

Figure 3: Claim map of the ANN 2 mineral claim

clear-cut and replanted. Roughly 500 to 1000 millimeters of precipitation falls on the region annually and snow cover averages 1 to 2 meters arriving in early November and generally melting by mid-April. Numerous creeks, marshes and lakes provide a year-round water supply. The Ann 2 mineral claim is situated on a moderate north-facing slope in an area containing extensive overburden (generally glacial till) and thick pine-spruce-fir forest cover. Much of the area has poor outcrop exposure, however considerable outcrop is found in the Harvey zone area.

5. PROPERTY STATUS

The Ann 2 mineral claim is located in the Clinton Mining Division of south-central British Columbia. GWR Resources Inc. owns the claim 100% (see Table 1).

CLAIM NAME	TENURE NUMBER	NUMBER OF UNITS	EXPIRY DATE
ANN 2	208271	20	Sept. 30, 2010*

Pending assessment approval

Table 1: Mineral claim data

6. PROPERTY HISTORY

The earliest known exploration work in the Lac La Hache area (prospecting for placer gold) occurred in the 1890's during the Cariboo Gold Rush. Periodic minor work continued up to 1966 when the Coranex Syndicate initiated regional reconnaissance soil sampling, geological mapping and IP and magnetometer surveys; followed by trenching and some diamond drilling. This work resulted in the discovery of porphyry copper-gold mineralization on the Peach showings located in the southeast section of the ANN 2 claim.

In 1967 the federal government conducted an airborne magnetic survey of the region. This work resulted in the delineation of a large annular magnetic anomaly, which stimulated further exploration for porphyry and skarn mineralization throughout the late-1960's and early-1970's. The work resulted in the discovery of the Spout Lake copper-magnetite skarn, the Peach Lake-Peach Melba, Miracle and Tim copper-gold occurrences and other mineralized showings within the Nicola Group volcanic and intrusive rocks.

Between 1971 and 1985, Amax Exploration Ltd. and B.P Selco Inc. carried-out geological surveys, soil and rock sampling and percussion drilling across areas currently covered by the adjoining ANN #1 and ANN 2 mineral claims. In 1988, Hemingson Gold also conducted geochemical and geophysical surveys on these claims.

In 1991, Asarco Exploration Company of Canada performed further geological mapping, soil and rock sampling, trenching, percussion drilling (16 holes) and some geophysical (IP) surveys on and to the west of the ANN 2 claim. Percussion holes drilled on the ANN 2 claim intersected mafic-intermediate crystal tuffs and "syenodiorite" displaying propylitic and potassic alteration, and locally containing up to 1% chalcopyrite and 8% pyrite. Mineralization in these holes was mainly restricted to the contact zones between Nicola Group vocanics and coeval intrusive units. Copper-gold assays for these holes were generally low with the best average values given as 0.15% Cu, 0.05g/t Au over 27.4 meters and 0.13% Cu, 0.26 g/t Au over 6.1 meters (von Guttenberg, 1996).

Through the work of Coranex Syndicate Ltd., Amex Exploration Ltd., B.P. Selco Inc. and Asarco Exploration Company of Canada several mineralized zones were discovered on the ANN 2 claim between 1966 and 1991; these include the Peach 1 and 2 zones, Jody zone and the Peach 5 zone.

In 1993, Regional Resources Ltd., on behalf of GWR Resources Inc. did work on the adjacent ANN #1 claim. This work included line-cutting, IP and magnetometer surveys, geological mapping and prospecting and soil and rock sampling. The IP survey identified four main chargeability anomalies on the ANN #1 claim, of which three were proposed for drilling (von Guttenberg, 1994). Subsequent diamond drilling by Regional Resources Ltd./GWR Resources Inc. in 1994 and 1995 was focused on exploring the copper-gold mineral potential of two IP anomalies. One anomaly occurred in the southeast corner of the ANN #1 claim and the second along the southern part of the boundary between the ANN #1 and ANN 2 claims. Drilling on the first anomaly produced copper-gold values of up to 0.47% Cu and 11.4 g/t Au over 3.8 meters. This strong mineralization was generally confined to zones along the contact between a narrow (1 to 12 meters wide) quartz-hornblende-feldspar porphyry dyke of early-Jurassic age (Whiteaker, 1997) and its monzonite host rock. The best drill intersections in the second zone were 0.13% Cu and 0.06 g/t Au over 4.6 meters and 1.31% Cu and 0.07 g/t Au over 1.0 meters.

In 1998, GWR Resources Inc. carried-out a diamond drill program (4 holes) in the northeast section of the ANN 2 claim to test the copper-gold mineralization potential of a moderate to strong IP anomaly ("Zone 3" as identified by Lloyd Geophysics in 1991). Three of the four holes encountered zones (10 to 30 meters) of low grade copper-gold grading between 0.1 – 0.2 % Cu and 0.1 – 0.2 g/t Au, with a few shorter sections (3 to 6 meters) grading up to 1.12% Cu and 1.32 g/t Au. The work is reported in an Assessment Report by R.J. Whiteaker, 1999.

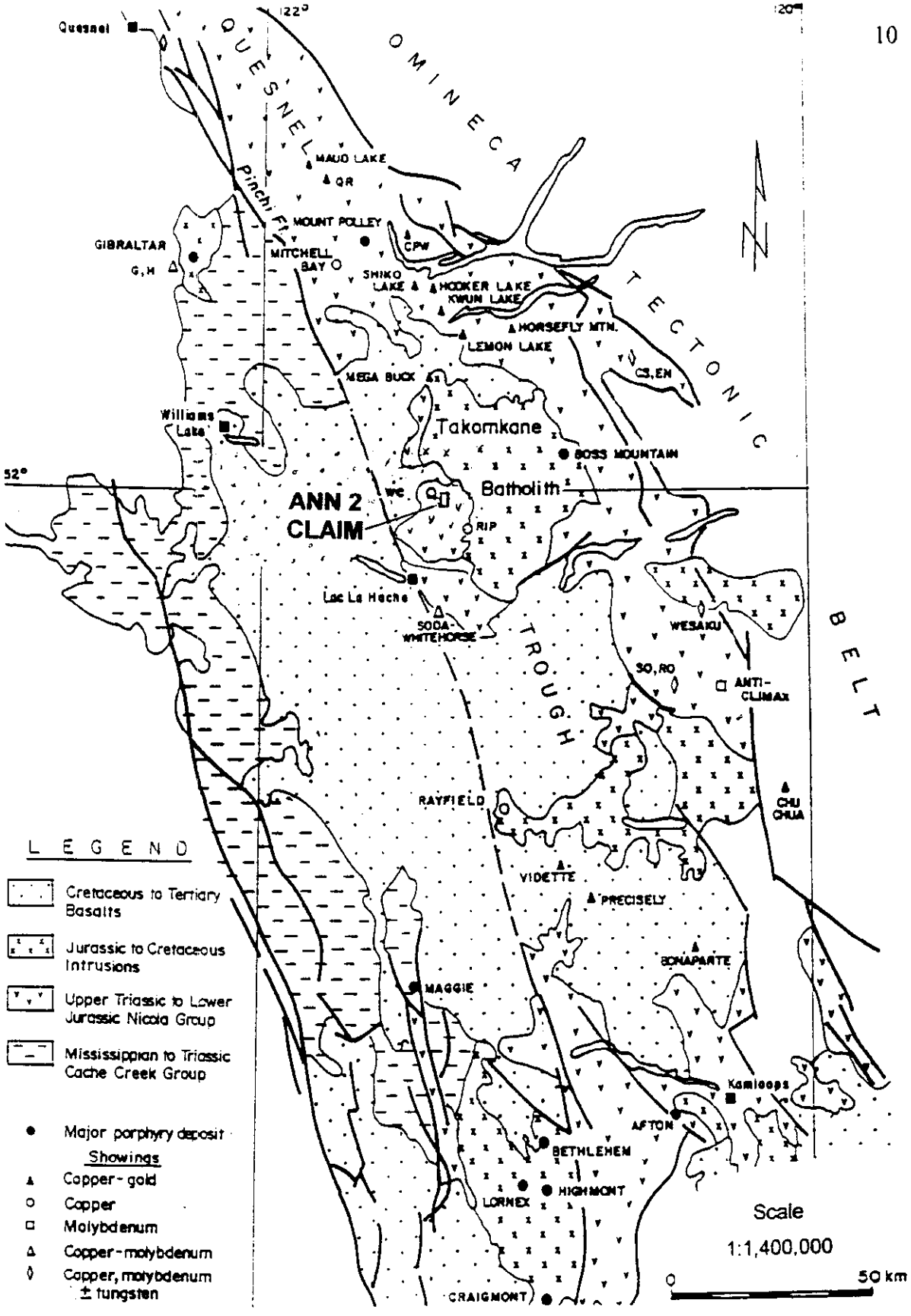
In 1999 and 2000, GWR Resources Inc. again conducted diamond drill programs in the central and northeast sections of the ANN 2 claim. Four holes were drilled in 1999 and 25 holes were drilled in 2000. Results were reasonably encouraging with anomalous copper-gold intersections variously encountered in about 50% of the holes. The work is reported in an Assessment Report by D.E. Blann, 2001.

7. REGIONAL GEOLOGY

The ANN 2 mineral claim is situated within the Upper Triassic to Lower Jurassic Nicola Group, which forms part of the Quesnel Trough, a volcanic and sedimentary arc sequence affected by Upper Triassic to Jurassic intrusions, and by volcanic activity continuing into the Quaternary (see Figure 4). The Quesnel Trough extends for over one thousand kilometers from northern Washington State to north-central British Columbia, and hosts several alkalic porphyry copper-gold deposits (Mount Milligan, Mount Polly, Ingerbelle, Galore Creek, Afton) and gold-skarns and numerous porphyry occurrences.

Northeast of Lac La Hache, Nicola Group sediments, basalts, andesites and breccias are intruded by coeval small stocks of syenitic to dioritic composition. A significant portion of the Nicola Group is covered by Tertiary flood basalt. The Takomkane Batholith, a monzonitic intrusion measuring about 50 km in diameter, is located, at its center, 35 km northeast of Lac La Hache, and borders the Nicola Group five kilometers to the east and three kilometers to the north of the ANN 2 claim.

The ANN 2 claim is located on the south side of a large annular aeromagnetic anomaly, which may have developed as the result of monzonite intruding Nicola Group to the north of Peach Lake and Spout Lake.



GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

Map modified after GSC Map 1712A, CIMM Sp. Vol. 15, Map B, Saleken & Simpson, 1984

Figure 4: Regional geology map

Hydrothermal alteration has affected Nicola Group intrusive and metavolcanic rocks and includes K-feldspar flooding, development of magnetite, hematite and propylitic alteration. Chalcopyrite and pyrite may be associated with these alteration zones.

Mineral occurrences in the area include alkalic porphyritic copper-gold showings such as the Peach, Miracle, Tim and Ann North and the chalcopyrite-magnetite skarn developed in the contact aureole of a monzonite intrusion along the south shore of Spout Lake.

8. PROPERTY GEOLOGY

8.1 General

The Nicola Group volcanic rocks that underlie the ANN 2 mineral claim include basalt flows and related breccia, feldspar and hornblende-phyric andesite and basalt and bedded mafic tuffs. Associated intrusive rocks consist of fine to medium-grained, equigranular syenite, monzodiorite and diorite, with minor pyroxenite and gabbro. Locally monzodiorite contains up to 5% medium to coarse-grained poikiolitic biotite (Whiteaker, 1997).

Although the ANN 2 claim is extensively covered by overburden (mainly glacial till) and outcrop is generally limited, outcrop is relatively abundant in the "Harvey Zone" area and copper mineralization (chalcopyrite, malachite) is present in most showings. Drilling on the Harvey Zone (holes HAR-02-01 to 05) show the immediate area is underlain by fine-grained, equigranular, variable porphyritic monzodiorite crosscut by small feldspar-hornblende porphyritic dykes of andesitic to basaltic composition. Significant medium to coarse-grained biotite (locally up to 15%) was found in hole HAR-02-04.

8.2 Structure

Structural features on the ANN 2 claim include distinctive east-southeast to west-northwest striking lineaments and southeast-northwest and southwest-northeast striking joint sets (von Guttenberg, 1994). Structural controls appear to have played a role in localizing intrusive bodies and hydrothermal brecciation as evidenced in a southwest-northeast striking quartz-hornblende-feldspar porphyry dyke that cross-cuts diorite-monzonite on the eastern portion of the ANN #1 claim. West and southwest trending joint sets cut west

trending K-feldspar veins (locally carrying sulphide minerals), suggesting that some of the structures in the area post-date alteration and mineralization (Whiteaker, 1996).

Surface mapping on the Harvey Zone suggests the southeast northwest and southwest-northeast striking joint sets described above are dominant in the area. Evaluation of drill hole copper-gold assays suggests mineralization tends to strike in an east-southeast to west-northwest direction and dip steeply (70° to 80°) to the north. Post ore fault offsets were not evident from the current drilling, but should be expected in the tectonic setting.

8.3 Alteration

Pervasive and structurally controlled hydrothermal alteration has affected both the Nicola Group volcanic and intrusive rocks across the ANN 2 claim. Generally the rock shows weak to strong propylitic (epidote-chlorite-calcite+/-sericite) and potassic (K-feldspar-magnetite+/-biotite) alteration assemblages. Alteration appears to be strongest within moderate to highly fractured contact zones between diorite to syenite stocks and porphyry dykes and volcanic-volcaniclastic Nicola Group rocks. Alteration intensity grades progressively weaker outward from these contact zones into fresher country-rock. Quartz-epidote+/-albite veins occur locally in zones of strong propylititc alteration. In places, intense potassic "flooding" "of diorite to monzodiorite has obliterated primary rock textures and mineralogy. Fracture-controlled potassic alteration commonly overprints and crosscuts pervasive propylitic alteration assemblages (Whiteaker, 1999).

The Harvey zone diamond drilling generally confirms the existence of the alteration package described above with the addition of a late phase carbonate (calcite) stock-work system that crosscuts all other alteration.

8.4 Mineralization

Copper-gold mineralization is intimately associated with zones of strong potassic and propylitic alteration of intrusive rocks (diorite, monzodiorite and synite). It is also locally present within Nicola Group volcanic rocks adjacent to these intrusions. Sulphide mineralization occurs within veins and along fracture planes commonly containing epidote, chlorite, quartz, K-feldspar, magnetite and variable amounts of calcite, biotite and albite.

Sulphides also occur as fine to medium-grained disseminations and mafic replacements in areas of strong fracturing and intense alteration. The most common sulphide minerals are pyrite (1-5% average) and chalcopyrite (<0.1-1% average) with trace amounts of bornite, molybdenite, pyrrohtite and tetrahedrite occurring locally. Gold values generally correspond with strong pyrite-chalcopyrite mineralization and subsequent high copper values.

Common secondary minerals related to supergene alteration are limonite, malachite and to a lesser degree azurite, chalcocite and native copper. The abundance of these minerals is related to the water-table level, which is generally close to surface across most of the ANN 2 claim.

9. DIAMOND DRILL PROGRAM

9.1 General

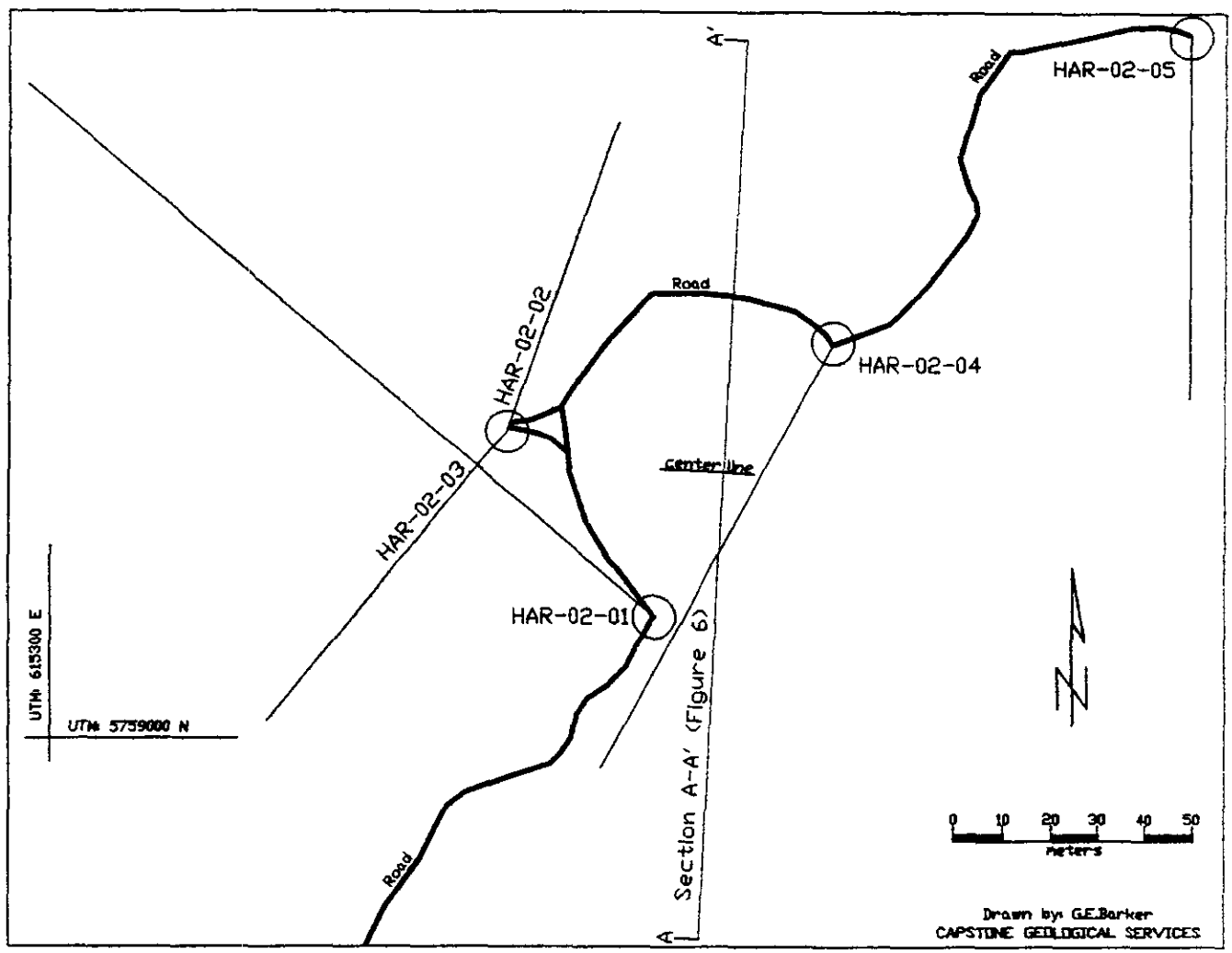
Five drill holes (HAR-02-01 to HAR-02-05) were drilled on the Harvey zone by Al Harvey Diamond Drilling of Clinton, BC between June 15 and August 17, 2002. The drill core was transported to D. Fuller's private property in Lac La Hache, BC were it was logged (see Appendix B), cut and stored. Drill core, selected for sampling and assaying, was shipped to Eco-Teck Laboratories in Kamloops, BC and later to Assayers Canada in Vancouver, B. C. (see Appendix C).

Drill hole data is given in Table 2 and hole locations are shown on Figure 5. The holes are also shown on a compressed section displaying copper zoning (see Figure 6).

HOLE	LOCATION		ELEVATION	BEARING	DIP	LENGTH	CORE
NUMBER	UTM grid (N)	UTM grid (E)	meters	azimuth	deg	meters	SIZE
HAR02-01	5759025	615428	1200	310	-45	245.96	NQ
HAR02-02	5759065	615397	1189	020	-45	97.53	NQ
HAR02-03	5759065	615397	1189	220	-60	158.49	NQ
HAR02-04	5759082	615465	1186	209	-60	202.99	NQ
HAR02-05	5759147	615540	1170	180	-60	152.70	NQ
TOTAL						857.67	

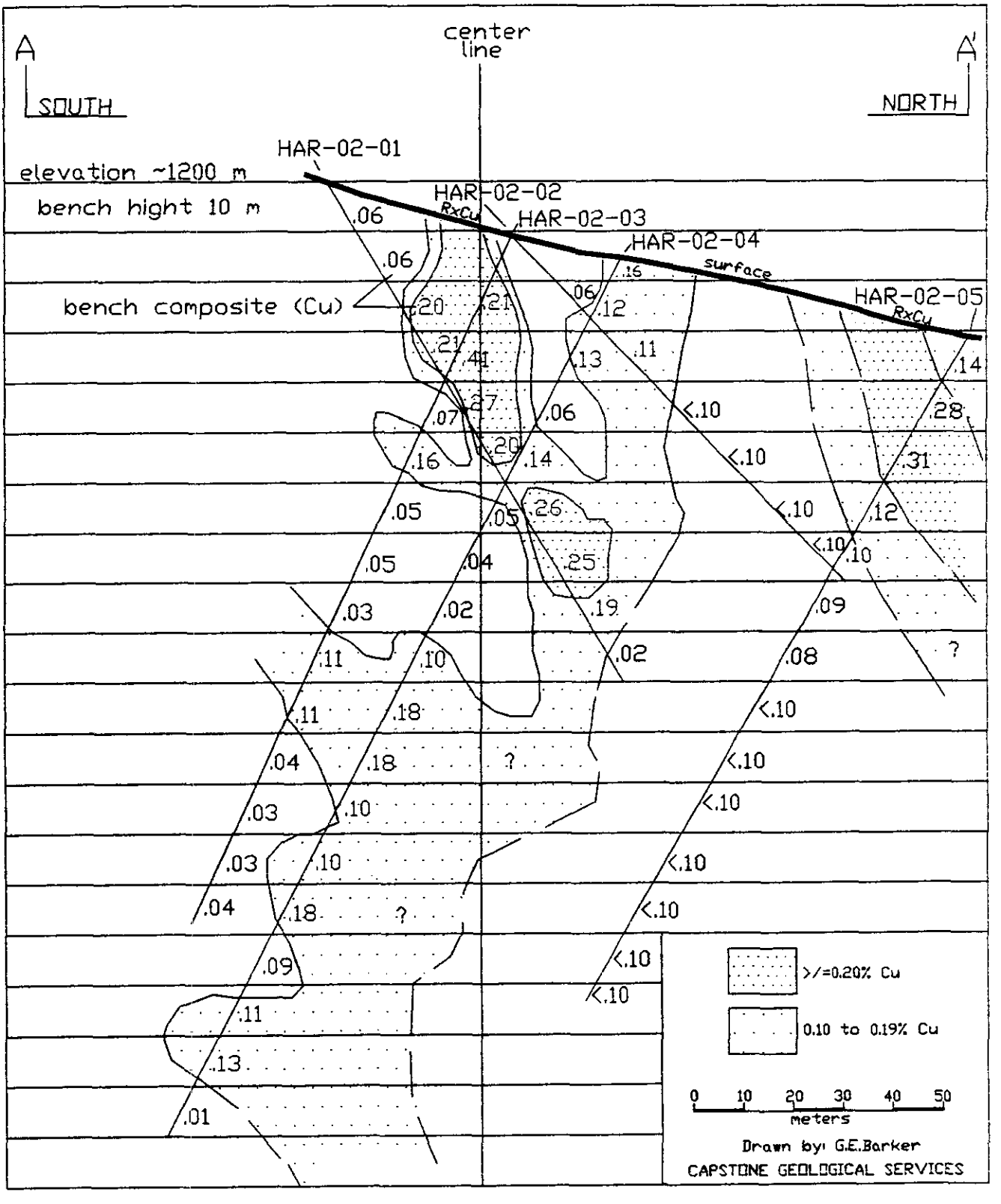
Note: Locations are from chain and compass survey, elevations from topographic map

Table 2: *Diamond-drill hole data*



GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

Figure 5: Diamond-drill hole location map



GWR Resources Inc. – ANN 2 Mineral Claim (Harvey Zone Diamond-Drill Program)

Compressed Section A-A' Looking West (Range 100 m)

Figure 6: Diamond-drill hole section showing copper zoning

9.1 Results

Hole HAR-02-01 was drilled to the northwest and intersected a mineralized zone between 35 and 120 meters with an average grade of 0.25% Copper, 0.12 g/t gold and 0.77 g/t silver. Holes HAR-02-02 and 03 where collared 50 meters northwest of HAR-02-01 collar and drilled to the northeast (HAR-02-02) and to the southwest (Har-02-03) to test the trend and size of the mineralized zone. Hole HAR-02-02 did not intersect any significant mineralization. Hole HAR-02-03 intersected a mineralized zone between 14 and 35 meters with an average grade of 0.34% copper, 0.13 g/t gold and 0.96 g/t silver. Geological modeling showed the original "discovery" was a relatively narrow zone (about 15 - 20 m wide), striking about 273° azimuth and dipping about 78° to the north and that HAR-02-01 had been drilled sub-parallel to the strike. A fourth-hole (HAR-02-04) was drilled 60 meters north-northeast of HAR-02-01 to test the original "discovery" zone at depth. This hole intersected the zone between 38 and 53 meters (average grade 0.14% copper, 0.06 g/t gold and 0.44 g/t silver) and a second deeper anomalous copper-gold zone between 92 and 183 meters (average grade 0.13% Cu, 0.09g/t Au and 0.23 g/t silver). The lower zone was interpreted to possibly define an edge of an expanded part of the mineralized system. Hole HAR-02-05 was located 100 meters northeast of hole HAR-02-04 to test a second zone of outcrop mineralization and the extent of the deep anomalous zone encountered in hole HAR-02-04. Hole HAR-02-05 intersected mineralization between 9 and 33 meters with an average grade of 0.30% copper and 0.18 g/t gold; however, the remainder of the hole (33 to 153 meters) was barren.

Table 3 provides a summary of significant intersections of anomalous copper grade (continuous intersections >6 meters with average grade >/=0.20% Cu) found in the drill holes. Gold and silver grades associated with the anomalous copper are also given.

HOLE NUMBER	FROM meters	TO meters	LENGTH meters	COPPER %	GOLD g/t	SILVER g/t
HAR-02-01	35.0	120.2	85.2	0.25	0.12	0.77
HAR-02-03	14.0	35.0	21.0	0.34	0.13	0.96
HAR-02-04	104.0	123.0	19.0	0.20	0.14	0.50
HAR-02-05	9.0	33.0	24.0	0.30	0.18	-

Table 3: Diamond-drill hole significant grade intersections

The Harvey zone diamond drilling indicates that at least two steep dipping sub-parallel mineralized systems occur in the Harvey zone. The copper-gold mineralization is hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite. The mineralization occurs as fine-grained sporadically disseminated pyrite and chalcopyrite (possibly related to protolith formation) and as pyrite and chalcopyrite in veins (fracture filling) and as blebs in K-feldspar-epidote alteration patches. Chalcopyrite is also found in secondary magnetite veins and patches. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration. There is some evidence to suggest the mineralized systems may be related to zoning of both lithology and alteration but more work is required to confirm and detail this.

10. STATEMENT OF EXPENDITURES

GWR Resources Inc. management supplied the following all-inclusive cost figures for work done on the ANN 2 claim (Harvey Zone) between June 3, 2002 and September 27, 2002.

Al Harvey Diamond Drilling, Clinton BC		
(Total meters drilled: 857.67)	All-inclusive diamond drilling cost	$41,990.00
Capstone Geological Services, 150 Mile House, BC G.E. Barker, 17 days (fieldwork and core logging)		
Wildrock Resources Consulting and Drafting, Williams Lake, BC C.J. Wild, 2 days (core logging)		
All-inclusive fieldwork and core logging costs		$5,697.26
Eco-Teck Laboratories, Kamloops, BC		
Assayers Canada, Vancouver, BC		
(Assays: Cu 242, Au 242, Ag 116, Pd 29, Pt 29)		
All-inclusive assay costs		$2,327.65
D. Fuller, (sample cutting and storage), Lac La Hache, BC		
(Total number of samples: 242)	All-inclusive sample preparation costs	$1,953.71

Miscellaneous all-inclusive costs:

Equipment rentals	$1,272.81
Geological Reports	$1,040.00
Transportation	$440.22
Supplies	$253.70
TOTAL	**$54,975.35**

11. CONCLUSIONS AND RECOMMENDATIONS

- At least two relatively narrow and steep dipping sub-parallel mineralized systems occur in the Harvey zone.

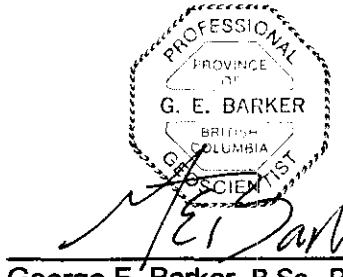
- The Copper-gold mineralization in these systems is hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite.

- The Harvey zone mineralization occurs as fine-grained sporadically disseminated pyrite and chalcopyrite (possibly related to protolith formation) and as pyrite and chalcopyrite in veins (fracture filling) and as blebs in K-feldspar-epidote alteration patches. Chalcopyrite is also found in secondary magnetite veins and patches. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration.

- There is some evidence to suggest the mineralized systems may be related to zoning of both lithology and alteration but more work is required to confirm and detail this.

- The Harvey zone copper-gold mineralized systems are open along strike and down dip and additional drilling is warranted to further test the extent of the modeled systems.

- It is recommended that additional diamond-drill holes (3 or 4 holes totaling about 700 meters) be drilled to further test the extent of the modeled copper-gold zones. Priority should be given to testing the down-dip extension to the north and the strike extension to the west.



George E. Barker, B.Sc., P.Geo.
Capstone Geological Services

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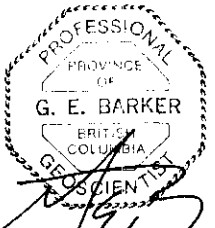
Whiteaker, R.J., (1996): The Geology, Geochronology and Mineralization of an Early Jurassic Porphyry System near Lac La Hache, BC. Unpublished B.Sc. Honours theses, *University of British Columbia,* Vancouver, BC.

Appendix A: Statement of Qualifications

I, George E. Barker, do certify that:

- I am Principle of Capstone Geological Services, PO Box 299, 150-Mile House, British Columbia, Canada, V0K 2G0.
- I am a Professional Geoscientist (Geology).
- I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19697.
- I am a graduate of the University of Waterloo, Waterloo, Ontario, receiving a Bachelor of Science Degree in General Science (Earth Science emphasis), 1985.
- I am a graduate of the British Columbia Institute of Technology, Burnaby, British Columbia, receiving a Diploma of Technology in Chemical and Metallurgical - Extractive Metallurgy Option, 1969.
- I have worked in the Canadian Mining Industry for over 35 years. From 1978 to the present I have been engaged in mining and exploration geology in British Columbia.
- I personally supervised the work, evaluated the data and prepared the report.
- I have no direct or indirect interest in the ANN 2 mineral claim or GWR Resources Inc., nor do I expect to receive any such interest.



George E. Barker, B.Sc., P.Geo.

Appendix B: Diamond Drill Hole Logs

LOCATION: Harvey Zone	BEARING: 310 Az	LATITUDE (N): UTM grid 5759025 N*	CORE SIZE: NQ	REMARKS: Test new mineralization west of Ann North
DATE COLLARED: June 15, 2002	DIP: -45	LONGITUDE (E): UTM grid 615428 E*	LOGGED BY: C. J. Wild and G. E. Barker	
DATE COMPLETED: June 25, 2002	LENGTH: 245.96 m	ELEVATION: 1200 m*	DATE: June 20, 2002	

*values from chain-compass survey & topo map

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
0	2.44	Casing	Mainly glacial till, not recovered															
2.44	30.8	MzDr	Monzodiorite: Medium to dark grey, fine to medium-grained, equigranular moderately to strongly magnetic due to 5-10% magnetite (mag). Weak potassic alteration consists of stockwork of K-feldspar (Kf), epidote (epi) and spots and patches of a hard black mineral, possibly tourmaline. Cut by late calcite veinlets and stringers, weakly calcareous adjacent. Mineralization consists of fine-grained chalcopyrite (cp) associated with mag, medium to coarse-grained cp, possibly traces of bornite (bn) associated with Kf-epi-tourmaline veinlets, concentrated in selvages and alteration patches. Pyrite (py) is associated with epidote. Core is weakly to moderately fractured and weakly sheared, hard with recoveries >95%. 2.44 - 19.4: Oxidized zone, mainly orange limonite on fractures. 8.2 - 8.3: Orange mottled monzonite dyke, xenoliths of fine-grained diorite, intrusive contacts at 75 to core axis (c.a.); patchy epidote. 11.5: Kf-epi veinlets at 25 and 45 to c.a., planar, 2-3 mm thick. 15.7: Kf veinlets, 1 cm selvage at 45 to c.a., (typical). 19.9: Kf-epi-carb vnlt, 2-3 mm thick, brick orange at 45 to c.a. 23.8: Calcite vnlt, 10 mm thick, at 60 to c.a., weak carb stockwork in Kf-altered zone below vnlt. 21.9 - 22.2 : Gouge, possibly clay-altered and shears dyke with Kf and calcite veining. Upper slip at 60 to c.a., irregular.	2	2	1	1	1-2	4	(cly) 1 (lim) 2	0.3	0.5	-	2.44	5.0	22751	0.10	0.04
														5.0	8.0	22752	0.04	0.05
														8.0	11.0	22753	0.07	0.04
														11.0	14.0	22754	0.05	0.03
														14.0	17.0	22755	0.03	<0.03
														17.0	20.0	22756	0.09	0.03
														20.0	23.0	22757	0.07	<0.03
														23.0	26.0	22758	0.08	0.03
														26.0	29.0	22759	0.02	<0.03
														29.0	32.0	22760	0.09	0.06
30.8	84.9	MzDr	Medium-grey, lesser dark grey, medium-grained to weakly porphyritic with diffuse plagioclase phenocrysts weakly sausseritized). Moderately magnetic due to 5-10% fine-grained magnetite, as above. Marks sharp increase in frequency, size and intensity of Kf-epi (tourm), in stockworks and patches. Corresponding increase in size and frequency of cp mineralization. Begin to see sections of very splashy cp, possible traces of bo. Pyrite is associated with epi and cp. Core continues to be weakly fractured, hard, recovery >95% 30.8: 1 cm Kf-epi-tourm vnlt at 60 to c.a., no sulphides. 31.7: Patchy diffuse cp in pale green epidote-flooded monzonite. 34.0 - 36.7: More pervasive zone of mottled and possibly brecciated Kf-epi alteration; fine-grained cp-py with epi. 37.7: 10 -12 mm Kf-epi vnlt, epi in center with blebby to disseminated cp-py. Vein at 30 to c.a. 38.1: 2-3 cm vein of Kf-epi, more patchy, little fine-grained py-cp. Contact at 30 to c.a.	3	3	1	1	1	4	(cly) 1	0.3	1.0	-	32	35	22761	0.11	0.03
														35	38	22762	0.37	0.22
														38	41	22763	0.31	0.21
														41	44	22764	0.08	<0.03
														44	47	22765	0.17	0.07
														47	50	22766	0.18	0.05
														50	53	22767	0.31	0.18
														53	56	22768	0.22	0.07
														56	59	22769	0.28	0.13
														59	62	22770	0.41	0.22
														62	65	22771	0.24	0.15
														65	68	22772	0.17	0.09
														68	71	22773	0.24	0.15
														71	74	22774	0.18	0.05
														74	77	22775	0.11	0.06
														77	80	22776	0.15	0.07
														80	83	22777	0.26	0.09

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
			44.9: 2 cm Kf-epi vnlt, weak py-cp, more in mzdr host, quite magnetic. 46.1: Series of late calcite stringers at 65 to c.a.															
			47.2: 25 cm zone of intense Kf altn, wispy at either end with patchy to blebby cp-py in epi, surrounded by Kf. Darker green may be actinolite.								<1	1.5						
			51.1 - 51.6: Series of Kf vnlts and patchy flooding, associated epi, and blebby cp-py. 58.0: 0.5 cm patches of black tourmaline surrounded by Kf-epi and associated with blebby cp-py and calcite.															
			58.2 - 58.8: Intense Kf-epi altn, conspicuous black tourmaline patches throughout making up to 10 -15% of interval. 2-3% blebby cp-py, associated with epi and tourm. Upper contact at 60, lower at 15 to c.a.								1.0	2.0						
			61.1: 26 cm dyke of pale grey monzonite, peppered with 10% magnetite. Contacts at 50 to c.a.															
			62.5: 2-3 cm Kf-epi vnlt at 20-30 to c.a.; minor cp-py								1.0	1.0						
			62.9: Stringers of Kf-epi with py-cp.								<1	2.0						
			64.8: 3-4 cm zone of Kf-epi with py-cp.								1.0	5.0						
			70.1 - 70.3: Splashy cp-py associated with patchy mag in Kf-epi.								1.0	5.0						
			71.9 - 72.2: Patchy Kf-epi, intense, only miner py.								<1	<1						
			73.0 - 74.5: Zone of moderate Kf altn in stockwork, considerable bx, especially 74.1 - 74.2 m. Non-magnetic black spots, minor vuggy calcite, 5% finely disseminated cp in Kf-epi. Fine-grained py-cp in mag-rich mzdr. Strongly mineralized narrow (<1 cm) Kf-epi veinlets, spaced 30-50 cm. Rare quartz stringers with cp, associated with Kf-epi. 77.8 - 81.9: Weak mineralization, even in the fewer Kf-epi vnlts. 78.9: Splashy disseminated cp along Kf-epi vnlts. 81.9: Disseminated cp in Kf-epi vnlt, 5 mm thick, at 50 to c.a. 82.0: Diss cp in Kf-flooded portion of vnlt, at 45 to c.a. 82.5 - 83.4: Well-mineralized section, diss cp throughout. 82.9: 4-5 cm Kf-cp-act vein bx at 45 to c.a.; cp patches to 1 cm. 83.0 - 83.4: Cp in carb-rich vein, brecciated toward bottom, decreasing cp. Carb altn continues to 84.1 m.															
84.9	114.1	MzBx	Mottled matrix-supported breccia, pale grey to pink monzonitic clasts, poorly sorted with wide variety of clast sizes and shapes. Local intense Kf-epi but generally grey and magnetic. Cp-py disseminated preferentially through clasts with occasional patches. Zone of significantly greater fracturing. 84.9: Cp on very dark chloritic fractures @ 55 to c.a.; and in Kf-epi vnlts. 86.2: Dark bx with diss cp in Kf-altn clasts; cut by later epi-cp-py vnlts. 88.3: Continue to see diss cp-py adjacent to Kf-epi. 88.7: Clast or patch of Kf-epi, well-mineralized. 94.6 - 95.2: Patchy cp (>55) in orange Kf, blk tourm, epi, cal @ approx. 45 to c.a. Not magnetic. 95.2 - 95.7: Strong mottled Kf-epi, weaker cp-py 95.3 - 118.0: Increased fracturing, continuing weaker cp-py 103.6: 20 cm of pebbles in polymer. 103.6 - 105.0: Very fine-grained Kf-epi, hard, weakly mineralized.	3	3	2	2	0	4	-	1.0	1.5	-	83.0	86.0	22778	0.35	0.1
														86.0	89.0	22779	0.18	0.03
														89.0	92.0	22780	0.27	0.12
														92.0	95.0	22781	0.34	0.18
														95.0	98.0	22782	0.26	0.09
														98.0	101.0	22783	0.15	0.07
														101.0	104.0	22784	0.30	0.17
														104.0	107.0	22785	0.12	0.08
														107.0	110.0	22786	0.37	0.19
														110.0	112.0	22787	0.08	0.08
														112.0	114.1	22788	0.66	0.29

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
			105.0 - 106.7: Epi vnlt, fine-grained Kf selvage, patchy cp in epi, becomes darker green, mottled, patchy and diss cp-py. Decreased altn intensity, increased tourmaline often with fine-grained cp. Increased chlorite, esp on fractures.								1.0	2.0						
			106.7 - 108.2: Continuing well-defined hydrothermal bx, locally spotted with black tourm. Green with pale pink Kf and epi stwk, weakening. 108.2: Decreasing Kf-epi, weakening bx textures, mineralization. 111.9: Epi-py-cp vnlts, 1-2 mm thick, @ 35 to c.a., fine-grained beige selvages															
			112.9: Strong Kf surrounding epi-cp-py vnlt @ 40 to c.a. Black chloritic fractures, post-mineral. Continues well-mineralized to 144.1 m.								1.0	2.0						
114.1	116.4	Monz	Medium greenish-grey, locally fine-grained pinkish groundmass. Only weak Kf-epi stwk. Minor fine-grained diss py-cp, moderately magnetic. 114.2 - 115.2: Well-fractured.	1-2	1-2	2	0	2	3-4	-	<1	<1		114.1	116.4	22789	0.07	<0.01
116.4	118.1	MzBx	As before, esp 112.9 - 114.1 m, weak Kf-epi stwk bx, Good mineralization mainly fine-grained diss throughout, grey and pink and a few blebs with epi continuing into lower Monzonite. Moderately magnetic.	3	3	2	0	2	3-4	-	1.0	2.0	-	116.4	118.1	22790	0.52	0.19
118.1	120.2	Monz	Gradational contact into dark greenish-grey, fine-grained, mod magnetic Strong cp-py over top 40 cm, decreasing down hole. Lower contact @ 45 to c.a., locally bx with Kf-altered clasts supported in dark MxDr matrix. Weakly fractured. * 96.62 - 99.67: 90% recovery, 99.67 - 102.72: 75 - 80% recovery.	2	2	3	0	2	4	-	1.0	1.0	-	118.1	120.2	22791	0.18	0.08
120.2	124.5	MzBx	Weakly brecciated, moderately fractured, along dark chloritic planes. Weak Kf-epi stwk. Mineralization consists of weaker fine-grained cp-py in Kf-epi and chlorite. 120.6 - 121.0: Moderate chloritic shear zone, brittle and rubbly.	3	3	3	0	2	3	-	<1	<1	-	120.2	123.0	22792	0.11	0.05
124.5	170.3	MzDr	Dark grey, medium to fine-grained, variably porphyritic (plagioclase - mafics), decreasing Kf-epi stwk veining and weak brecciation. Continuing chl-epi-calcite on fractures and in patches in groundmass; still mod to strongly magnetic, minor Fe-carb. Mineralization is dominantly fine-grained py-cp, difficult to estimate quantity due to fine-grained nature. Sharp decrease in fracture density, hard, 100% recovery. 124.5 - 128.5: Moderately fractured, weak Kf-epi stwk diminishing. 135.3: Tourmaline (?) spots associated with epi, very weak cp-py. 144.6 - 144.9: Kf-epi altered patch, mottled and bright green. Calcite with epi, only traces of sulphides. 145.0: Diss cp in 1 cm mag patch, otherwise continuing weak sulphides. Minor py on chloritic fractures. 145.9 - 146.2: Stockwork of vuggy calcite-epidote vnlts. 146.4: Patchy vnlt of Kf-epi-carb-tourm. Calcite not cp in tourm spots. Veinlet @ 45 to c.a. 148.0: 4-8 mm Kf-epi-carb-tourm veinlet @ 40 to c.a., 149.4: 1-2 mm mag-rich clast with fine diss cp. 153.6: 3 cm wide pale greenish Kf-carb veinlet @ 55 to c.a. 160.3 - 160.8: Weak epi-carb stwk, verging on Kf-epi flooding.	2	2	3	0	3	4	-	1.0	1.0	-	123.0	126.0	22793	0.09	0.05
														126.0	129.0	22794	0.02	<0.03
														129.0	132.0	22795	0.04	<0.03
														132.0	135.0	22796	0.02	<0.03
														135.0	138.0	22797	0.01	<0.03
														138.0	141.0	22798	0.01	<0.03
														141.0	144.0	22799	0.02	<0.03
														144.0	147.0	22800	0.01	<0.03
														147.0	150.0	22801	0.02	<0.03
														150.0	153.0	22802	0.01	0.08
														153.0	156.0	22803	0.01	<0.03
														156.0	159.0	22804	0.01	<0.03
														159.0	162.0	22805	0.05	<0.03
														162.0	165.0	22806	0.04	<0.03
														165.0	168.0	22807	<0.01	0.04
														168.0	171.0	22808	0.01	<0.03

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
			160.8 - 161.2: Kf-epi-carb vein breccia; Kf-altered clasts in epi-chl-carb matrix cut by later epi-carb vnlts. Zone @ 60 to c.a. 161.0: Blebby cp to 5 mm in epi-carb vnlt. 162.3: Kf vnlt followed by epi-chl-carb slip. Minor cp-py and traces of native Cu associated with Kf. 166.1 - 166.4: Weak wispy stwk of Kf-epi-carb @ 30 to c.a. 166.5 - 169.6: Conspicuous 2-3 mm plagioclase phenos. 168.1: 10 cm pale green epi-flooded with angular clasts or phenos.																
170.3	189.0	MzDr	Same as above with increasing Kf-epi-tourm-carb stwk; local bx as before. Alteration still dominantly epi-chl-carb-Kf and earlier pervasive magnetite. Chlorite on fractures, chl-epi-carb patches. Mineralization is difficult to estimate, fine-grained cp and py associated with Kf-epi. Weak to mod fracturing, hard. 170.3 - 171.0: Bx; often faint matrix-supported Kf-altered clasts in strong chl-epi altered matrix, weak cp-py. 170.8: Minor shear zone 2-3 cm thick @ 45 to c.a. 173.0 - 177.6: Increasing Kf vnlts, widespread epi-carb stwk. Increased fracturing. Modest increase in fine-grained py-cp. 174.6: Fine-grained diss py in dark chl-rich section. 177.6: Kf-epi veinlet @ 45 to c.a. 177.6 - 189.0: Patchy epi-carb stockwork (10%) but weak Kf generally restricted to strong epi zones. Generally weakly fractured Beginning to see clasts and/or inclusions, looking like intrusion bx.	2	3-4	3	0	3	4	-	1.0	1.0		171.0	174.0	22809	0.03	<0.03
														174.0	177.0	22810	0.04	<0.03
														177.0	180.0	22811	0.08	0.05
														180.0	183.0	22812	<0.01	<0.03
														183.0	186.0	22813	0.06	<0.03
														186.0	189.0	22814	0.01	<0.03
189	195.5	MzDr	Same as above with more intense Kf-epi stwk and patchy magnetite. Weak intrusion bx texture, possibly caused by stwk development. Notable increase in coarse cp and py. Weak to moderately fractured. 189.0 - 189.6: Strong Kf over top 30 cm with patchy epi giving colourful mottled appearance. Blebby cp common in top 30 cm. Epi-carb over bottom 30 cm appears to postdate Kf. 189.7: Chalcedony vnlt with dark hematite(?), 103 mm thick @ 55 to c.a. hosts >5% cp blebs. 190.0: Coarse-grained py in vnlt, similar to above @ 60 to c.a. min cp. 190.1: Weak Kf-epi veinlet stwk. Fine-grained cp-py. 191.1: Weak Kf-epi patch, significant fine-grained cp-py surrounding in blk chl-rich host.194.0: Speckled fine-grained cp-py, 2-5%. (Piece 638).	3	3	3	0	2	4-5	-	1.0	<1	-	189.0	192.0	22815	0.11	0.03
														192.0	195.0	22816	0.01	<0.03
195.5	201.1	And(?)	Fine-grained to porphyritic, grey to pink dyke; epi-carb altered phenos in variably pinkish groundmass. Cp-py associated with phenos, generally weak. Chill margin at upper contact, 5 cm thick, sharp, @ 40 to c.a. 196.2 - 196.8: Cp in tourmaline spots (epi-carb-Kf-py), form a string running down core axis. Increasing Kf to 196.9 m. 196.8 - 199.0: Fine-grained, pale greenish grey, 2% tourm spots, wk cp-py. 199.0 - 199.5: Kf-epi-carb flooded, fine-grained mottled appearance. 199.5 - 200.8: Tourm spots, minor cp-py. 200.8 - 201.1: Pink, Kf-flooded. Lower contact has erratic 5 cm dark, fine-grained chill margin @ 40 to c.a.	3	3	1	1	3	3	-	<1	<1	-	195.0	198.0	22817	0.01	<0.03
														198.0	201.1	22818	0.01	<0.03

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
201.1	226.5	MzDr	Dark grey-green, fine-grained, equigranular to weakly variable porphyritic texture. Some small weak zones of bx as indicated below. Mod stwk of epi-Kf veins 1 to 4 mm wide, Epi-Kf also occurs as1 to 5 cm patches and streaks often with blk tourm(?). Dominant veins occur @ about 30 to c.a. with a conjugate set @ about 50 to c.a. Weak to mod crosscutting carb veins (hairline to 2 mm) occur throughout the zone. Minor quartz seen in carb veins. Carb essentially confined to veins. Core is mod magnetic, fine-grained mag is pervasive (5-10%) Weak fine-grained cp-py diss in core erratically. Weak to mod cp-py also associated with Kf-epi veins and patches. Core is competent and hard, breaks often occur along carb veins. 99 - 100% recovery.	2-3	3-4	1	0	2	3	-	0.5	0.5	-	201.1	203.1	22819	0.05	<0.03
														203.1	206.1	22820	0.20	0.06
														206.1	209.0	22821	0.15	0.06
														209.0	212.0	22822	0.03	0.03
														212.0	215.0	22823	0.15	0.06
														215.0	218.0	22824	0.08	0.04
														218.0	221.0	22825	0.14	0.06
														221.0	224.0	22826	0.01	0.02
														224.0	227.0	22827	0.02	0.03
			203.1 - 206.1: Strong epi-Kf flooding, bx texture, increase in cp-py								1.0	0.7	-					
			208.5: Blebs of cp-py (1 -2 cm) in Kf-epi patches. 212.0: vein of coarse-grained (to 3 mm) Kf-minor plag with min epi-tourm 3 cm wide @ 30 to c.a.															
226.5	245.95	MzDr	Rock similar to 201.1 - 226.5 but a bit lighter in color. Significant increase in orange Kf associated with a decrease in epi. Also slight increase in carb veins and decrease in diss mag. Stwk of Kf-epi-tourm as before but more pronounced. Sulphides (mainly py) increase as noted. Small blebs and streaks of mag (up to 5 mm) occur near bottom of hole. Core is very competent except for small zone of brx and min gg (242.4 - 243.1) where recovery is about 65%. Recovery in remainder of zone 99 - 100%.	3-4	2-3	1	0	2	2-3	-	1.5	0.4	-	227.0	230.0	22828	0.10	0.07
														230.0	233.0	22829	0.16	0.09
														233.0	236.0	22830	0.09	0.05
														236.0	239.0	22831	0.05	0.02
														239.0	242.0	22832	0.05	0.02
														242.0	245.97	22833	0.09	0.03
	245.95		END OF HOLE															
																		

GWR RESOURCES INC. **Diamond Drill Log** **Hole No. HAR-02-02** Page 1 of 1

LOCATION: Harvey Zone	BEARING: 020 Az	LATITUDE (N): UTM grid 5759065 N*	CORE SIZE: NQ	REMARKS: Test new mineralization
DATE COLLARED: June 27, 2002	DIP: -45	LONGITUDE (E): UTM grid 615397 E*	LOGGED BY: G. E. Barker	west of Ann North. Drilled approx.
DATE COMPLETED: July 1, 2002	LENGTH: 97.53 m	ELEVATION: 1189 m	DATE: June 29, 2002	50m @ 320 Az from Har-02-01

*values from chain-compass survey & topo map

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary Minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
0	5.49	Casing	Mainly glacial till, not recovered															
5.49	34.0	MzDr	Medium to dark grey-green, fine-grained groundmass, porphyritic with random plag. phenos 1-2 mm. Weak stockwork of Kf-epi veins 1-2 mm wide, dominant veins @ 20-30 to c.a. Core moderately magnetic, fine-grained magnetite pervasive @ 4-6%. Small zones (10 to 20 cm) of strong Kf-epi as stringers and patches occur every 40-50 cm from 9 - 12.5 m. Small splashes of black tourmoline (?) occur mainly within epi. Core looks similar to lower portion of HAR-02-01 except for supergene alteration. 5.49 - 34: moderate to weak yellow to orange-brown calcareous limonite on fractures. Trace amounts of malachite and nat. Cu seen with lim from 9 - 14 m. Propylitic alteration (chl-epi-min. ser) becomes apparent @ 24 m this altn. continues to EOH. Minor hematite also seen @ 24 m. Sulphide mineralization weak in zone. Some diss specks of py seen with minor py-cp associated with Kf-epi veins and patches. Zones of badly broken core as follows: 11.3 - 14.9: 10 cm of clay gouge (gg) @ 14 m, Recovery 60 -70% 18.3 - 23.4: 20 cm of gg @ 18.7 - 18.9 m, Recovery 60 -70% 25.1 - 26.2, 26.6 - 28.2, 28.7 - 29.5 and 30.0 - 31.8: Recovery 80 - 85% 31.3 - 31.8: mixed brx and gg, Recovery 70 - 80% Recovery outside broken zones 95 - 98% Late carb veins cut Kf-epi altn but maybe synchronous with propylitic altn. Core tends to break on carb veins exposing chl flakes and calcite wafers.	2-3	2-3	1	1	2	0*	(cly) 1 (lim) 2	0.6	0.2	(mal) tr. (Cu) tr.	5.49	9.0	22834	0.02	<0.03
														9.0	12.0	22835	0.06	0.03
														12.0	15.0	22836	0.15	0.07
														15.0	18.0	22837	0.03	0.04
														18.0	21.0	22838	0.05	<0.03
														21.0	24.0	22839	0.05	<0.03
														24.0	27.0	22840	0.04	<0.03
														27.0	30.0	22841	0.13	0.17
														30.0	33.0	22842	0.19	0.08
														33.0	36.0	22843	0.08	0.03
34.0	97.53	MzDr	Rock is basically the same as above with variations as described below. Rock is equigrainular with less potassic altn and slightly more propylitic altn. Pervasive accessory magnetite increases to 6 - 8% Sulphide mineralization remains weak although py appears to increase as noted. Sulphide distribution is both diss and in Kf-epi veins and patches. 42.3 - 42.9: Quartz monzonite dyke (?), salmon pink, medium grained, equigranular zone composed of 60 - 70% Kf - plag @ about 1:1 ratio, 5 - 10% qtz, 15 - 20% hbld + mag (5 - 10% mag associated with hbld) sharp upper and lower contacts @ 30 to c.a. Grain size 1-2 mm. Minor hem, epi, carb, py in zone. Minor broken zones 34 - 43.7. Core is fairly hard and competent 43.7 - EOH. Recovery 98 - 100%	1-2	3	2	1-2	1	1	-	0.8	0.1	-					
														48	51	22844	0.17	0.04
														60	63	22845	0.03	<0.03
														78	81	22846	0.02	<0.03
														93	97.53	22847	0.04	<0.03
	97.53		END OF HOLE															

Note change in defining magnetite. Pervasive magnetite which makes up 5 - 10 % of core is now considered a primary (accessory) mineral. Only secondary magnetite (i.e. occuring in veins etc) is scored under alteration

LOCATION: Harvey Zone	BEARING: 220 Az	LATITUDE (N): UTM grid 5759065 N*	CORE SIZE: NQ	REMARKS: Test new mineralization
DATE COLLARED: July 3, 2002	DIP: -60	LONGITUDE (E): UTM grid 615397 E*	LOGGED BY: G. E. Barker	west of Ann North. Coltared on
DATE COMPLETED: July 11, 2002	LENGTH: 158.49 m	ELEVATION: 1189 m*	DATE: July 6, 2002	same site as HAR-02-02

*values from chain-compass survey & topo map

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
0	2.13	Casing	Mainly glacial till, not recovered															
2.13	8.4	MzDr	Monzodiorite: Medium grey-green, fine-grained, equigranular texture with 4 -7% disseminated fine-grained accessory magnetite (mag). Moderate potassic/propylitic alteration consists of stockwork of K-feldspar (Kf), epidote (epi) veins (1 mm -1 cm) with dominant veins about 70 to c.a. Also scattered patches of Kf-epi-tourmaline (?) (tourm). Weak crosscutting carbonate (carb) veins <1 mm to 2 mm. Sulphide mineralization is weak some pyrite (py) with epi Very weak limonite on fractures to about 8 m. Core quality: Competent, no major broken zones, recovery 99 - 100%.	2	1-2	0	0	1	0	(cly) 1 (lim) 1	0.3	0.1	(Cu) tr	2.13	5.0	22848	<0.01	<0.03
														5.0	8.0	22849	0.02	<0.03
8.4	11.8	MzDr Bx (?)	Monzodiorite breccia (?): Appears to be large angular clasts (up to 10 cm) of dark MzDr in a fine-grained groundmass of lighter coloured MzDr. Zone is similar to (2.13 - 8.4 m) except for the contrasting dark and light material. Core quality: Competent, no major broken zones, recovery 99 - 100%.	1-2	1	0	0	1	0	-	0.4	0.1	(Cu) tr	8.0	11.0	22850	0.05	<0.03
11.8	30.2	MzDr	Rock similar to (2.13 - 8.4) except there is an increase in Kf-epi alteration. also a significant increase in pyrite (py), chalcopyrite (cp) and native copper (Cu). Native copper occurs as thin smears on fractures and is generally visible to the naked eye. Py-cp occurs in Kf-epi veins and as small blebs in Kf-epi patches Trace amounts of chalcocite (cc) were also noted on fractures. Core quality: Competent, no major broken zones, recovery 99 - 100%.	2-3	1-2	0	0	1	0	-	0.6	0.3	(Cu) 0.2 (cc) tr	11.0	14.0	22851	0.06	0.06
														14.0	17.0	22852	0.17	0.08
														17.0	20.0	22853	0.34	0.13
														20.0	23.0	22854	0.38	0.10
														23.0	26.0	22855	0.40	0.13
														26.0	29.0	22856	0.40	0.15
														29.0	32.0	22857	0.53	0.25
30.2	33.5	MzDr	Rock similar to above MzDr zones but a darker grey-green to black colour, possibly due to a sight increase in fine-grained disseminated magnetite. Potassic/propylitic alteration is weak and mineralization drops off as noted. Core is competent, no major broken zones, recovery 99 - 100%.	1	1	0	0	1	0	-	0.4	0.2	-	32.0	35.0	22858	0.18	0.09
33.5	47.0	MzDr	Basic rock similar to MzDr as above (30.2 - 33.5), except increase in potassic/propylitic alteration. Several flooded zones (0.5 - 1 m) consist of aphanitic epi with minor Kf. Large streaks and patches of Kf-epi with small blebs of tourm occur between strongly flooded zones. Minor chlorite (chl) and sericite (ser) is also present especially on fractures and in veins. Minor carb veins up to 1 mm crosscut other alteration. Small blebs of py-cp are associated with Kf-epi-tourm patches and veins. Alteration flooded zones are only weakly magnetic. Core quality: Competent, no major broken zones, recovery 99 - 100%.	3	4	1	1	1	0	-	0.6	0.2	-	35.0	38.0	22859	0.07	0.05
														38.0	41.0	22860	0.03	0.03
														41.0	44.0	22861	0.03	<0.03
														44.0	47.0	22862	0.45	0.15

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
47.0	79.0	MzDr	Monzodiorite: Medium to dark grey-green to black, fine-grained, equigranular to weakly variable porphyritic texture. Plag-feldspar appears to increase (rock possibly closer to diorite composition). Slight increase in quartz (still < 5% overall). Accessory mafic minerals consist of 6 - 10% fine-grained diss magnetite, and small amounts of f-g biotite +/- hornblend. Alteration (altn) is generally weak, consisting of minor stwk , streaks and patches of Kf-epi. Zones of increased alteration noted below. Mineralization consistes of weak, fine-grained, diss, py-cp, variable throughout zone. Difficult to estimate copper grade and py-cp ratio. Additional (secondary) py-cp associated with Kf-epi altn occures as small blebs and in veins. Minor late carb viens (<1 mm to 2 mm) crosscut Kf - epi altn. 60.0 - 62.9: Porphyritic texture, phenos of golden brown biotite and plag (2 -3 mm). Small blebs of cp appear to be associated with the biotite. 62.9 - 79.0: Slight increase in Kf-epi altn with associated increase in sulphides. Core quality: Competent, no major broken zones, recovery 99 - 100%.	1-2	1-2	1	0	1	0	-	0.4	0.5	-	47.0	50.0	22863	0.10	0.05
														50.0	53.0	22864	0.13	0.06
														53.0	56.0	22865	0.05	0.02
														56.0	60.0	22866	0.04	0.03
														60.0	62.9	22867	0.08	0.09
														62.9	66.0	22868	0.04	0.02
														66.0	69.0	22869	0.02	0.06
														69.0	72.0	22870	0.09	0.03
														72.0	75.0	22871	0.04	0.04
														75.0	78.0	22872	0.04	0.04
79.0	96.6	MzDr Bx ?	Monzodiorite Breccia (?): Zone appears to consist of angular clasts of syenitic composition in a matrix of fine grained monzodiorite. It is possible, however, that arrested flooding of the diorite by K-feldspar alteration has created a "pseudo-breccia". Typically, the zone containes stwk, sreaks and patches of Kf-epi with associated minor py-cp. Chlorite, sericite (?) and minor hemitite were also seen on fractures and in viens. Minor late carb viens (<1 mm to 2 mm) crosscut Kf - epi alteration. Core quality: Competent, no major broken zones, recovery 99 - 100%.	2-3	2	2	1	1	0	-	0.7	0.4	-	78.0	81.0	22873	0.03	0.02
														81.0	84.0	22874	0.06	0.03
														84.0	87.0	22875	0.01	0.02
														87.0	90.0	22876	0.01	0.01
														90.0	93.0	22877	0.05	0.07
														93.0	96.0	22878	0.10	0.10
96.6	158.49	MzDr	Monzodiorite: Basic lithology as per (47.0 - 79.0). Alteration is generally moderate to strong consisting of Kf-epi as stwk, streaks, patches and flooded zones as noted below. A later? altn phase consisting of chl-hem-minor cp variously fills fractures as noted below. minor carb veins crosscut all other alteration phases Mineralization appears to be mainly associated with alteration as small blebs and in veins. Very little fine-grained diss py-cp observed.	2-3	2-3	2	1	1	0	-	0.5	0.4	-	96.0	98.0	22879	0.16	0.10
														98.0	101.3	22880	0.13	0.10
														101.3	103.3	22881	0.14	0.07
														103.3	106.0	22882	0.11	0.05
														106.0	109.0	22883	0.05	0.06
														109.0	112.0	22884	0.14	0.04
														112.0	115.4	22885	0.16	0.15
			96.6 - 106.0: Kf-epi flooded zone. Core moderatly fractured (shattered) fractures (1 - 2 mm wide) are filled with chl-hem-minor cp.Some blebs of py-cp, associated with Kf-epi patches, visible to the naked-eye. Some fractures have a black earthy coating (white streak) chl (?). Kf-epi flooded zones are weakly to none magnetic.	4	4						0.2	0.3		115.4	118.0	22886	0.04	0.02
														118.0	121.0	22887	0.01	0.01
														121.0	124.0	22888	0.03	0.02
														124.0	126.6	22889	0.02	0.02
														126.6	130.0	22890	0.02	0.01
			111.2 - 115.4: Kf-epi flooded zone. Brecciated texture in places (pseudo-breccia ?). Some good blebs of cp associated with Kf altn.	4	4						0.5	0.7	-	130.0	133.0	22891	0.03	0.03
														133.0	136.0	22892	0.05	0.03
			148.4 - 158.49: Rock slightly lighter in color. Kf-epi altn significantly reduced. Increase in carb veins. Some large vugs with minor crystal development (calcite). Minor quartz associated with carb.	1-2	1-2			2			0.2	0.1	-	136.0	139.0	22893	0.01	0.02
														139.0	142.0	22894	0.04	0.04
														142.0	145.0	22895	0.02	0.02
			Core quality: Competent, recovery 99 - 100% except as noted below. 100.0 - 101.3: Strongly (str) broken rock (brx) plus gouge (gg), recovery (Rec) 80 -85%. 102.2 - 103.3: Str brx + gg, Recovery 85 -90%											145.0	148.0	22896	0.03	0.03
														148.0	151.0	22897	0.04	0.03
														151.0	155.0	22898	0.05	0.02
														155.0	158.49	22899	0.02	0.02

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
			104.5 - 104.4: Str brx, Rec 85 -90% 111.4 - 112.0: Str brx, Rec 90 -95% 114.9 - 115.8: Str brx, Rec 90 -95% 118.1 - 122.5: Moderately (mod) brx, Rec 95 - 98% 126.5 - 126.6: fault plain, solid gg, cuts about 70 to c.a., Rec 95 - 98% 137.0 - 141.1: mod to str brx, Rec 85 - 95% 137.0 - 141.1: mod to str brx, minor gg, Rec 85 - 95% 151.1 - 154.7: Str brx, Rec 90 -95% 157.2 - 157.6: Str brx, Rec 90 -95% 158.1 - 158.49 (EOH): Str brx, Rec 90 -95%														
	158.49		END OF HOLE															

LOCATION: Harvey Zone	BEARING: 209 Az	LATITUDE (N): UTM grid 5759082 N*	CORE SIZE: NQ	REMARKS: Test new mineralization
DATE COLLARED: July 17, 2002	DIP: -60	LONGITUDE (E): UTM grid 615465 E*	LOGGED BY: G. E. Barker	west of Ann North. Hole located
DATE COMPLETED: July 25, 2002	LENGTH: 202.99 m	ELEVATION: 1186 m*	DATE: July 20, 2002	about 70 m @ 070 from sites 2 & 3

*values from chain-compass survey & topo map

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
0	5.18	Casing	No material recovered															
5.18	15	MzDr	Monzodiorite: Medium grey to grey-green, fine- grained, equigranular, modest brecciated texture, possibly "pseudo breccia" related to arrested Kf alteration. Pervasive fine-grained magnetite (5 - 10%) throughout zone. Alteration: Potassic/propylitic, moderate to strong Kf-epi alteration as veins and patches (5.18 - 9.7 m). Altn weaker and more propylitic (epi with minor chl-ser-Kf) below 9.7m. Minor clay altn due to weathering in zone. Oxide-supergene altn ends at 15 m, associated secondary minerals described below under mineralization. Minor late carbonate (carb) veins (<1 mm - 1 mm) cut other altn throughout zone. Mineralization: Moderate yellow-brown limonite with mod hematite occurs as coatings on fractures down to 15 m. Weak to mod malachite and black pyrolusite (pyr) also observed on fractures. Minor diss fine-grained py-cp occurs intermittently in zone. Also minor blebs of py-cp associated with Kf-epi altn. Core quality: Several small zones of broken rock (brx) as noted below. 5.18 - 7.6: mod to strong brx, Rec. 70 -80 % 8.2 - 8.5: mod brx, Rec. 75 -85 % 8.9 - 9.2: mod brx, Rec. 80 - 90 % Remainder of zone: Rec. 95 -98 %	2-3	2	1	1	1	0	(cly) 1 (lim) 2 (hem) 1-2 (pyr) 1	0.2	0.2	(mal) 0.1	5.18	8.0	22901	0.16	0.12
														8.0	11.0	22902	0.08	0.04
														11.0	14.0	22903	0.12	0.05
15.0	34.6	MzDr	Monzodiorite: Similar to rock from (5.18 - 15.0 m) except no bx texture. Alteration: Weak propylitic/minor potassic (epi with minor chl-ser-Kf) as veins and patches. Dominant veins 25 -30 to c.a. Minor late carb veins (<1 mm - 1 mm) cut other altn throughout zone. Mineralization: weak to mod py-cp, generally associated with Kf-epi altn in veins and as small blebs. Core quality: One zone of brx with gouge (gg) as noted below. 33.9 - 34.6: Fault zone, strong brx and gg , Rec. 75 - 80 % Remainder of zone: Rec. 99 - 100 %	1-2	2-3	1-2	1	1	0	-	0.3	0.2	-	14.0	17.0	22904	0.07	0.03
														17.0	20.0	22905	0.28	0.08
														20.0	23.0	22906	0.14	0.08
														23.0	26.0	22907	0.09	0.04
														26.0	29.0	22908	0.07	0.03
														29.0	32.0	22909	0.05	0.04
														32.0	34.6	22910	0.03	0.05
34.6	38.4	Bas? dyke	Basalt? Dyke: Moderate to dark grey-brown , porpyritic texture, probably basaltic composition. Core is relativly light weight. Sparse dark phenos (1 - 2 mm) of pyroxene (?) ocurr in an aphenitic grey-brown groundmass. Carb streaks (1 mm - 1 cm) crosscut the rock about 15 to c.a. and a number of gash-like amygdales are filled with small calcite crystals. Rock is very weakly magnetic and barren of sulphide mineralization. Upper and lower contacts indeterminate due to fault rubble, lower contact may be 70 to c.a.(possibly defined by sharp contact with fault gouge). Core quality: Dyke rock is generally competent, Rec 98 - 99%.	0	0	0	0	1	0	-	0	0	-	34.6	38.4	22911	<.01	<.01

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
38.4	86.6	BMzDr	Biotite-Monzodiorite: Similar to rock from (15.0 - 34.6 m). Except fine-grained accessory biotite observed in zone (5 - 10 %). Alteration: Weak propylitic/potassic, minor stwk of Kf-epi-chl veins and small patches of Kf-epi-tourm throughout zone. Two dominant vein sets cut core at 75 and 15 - 20 to c.a. Veins are generally < 1 mm wide but have altn halos (selvage) up to 5 mm wide. Minor late carb veins (<1 mm - 2 mm) cut other altn throughout zone. Mineralization: Minor py-cp observed in Kf-epi-chl veins. Minor diss fine-grained cp-py occurs sporadically throughout zone. Core quality: One zone of brx with gouge (gg) as noted below. 38.4 - 41.3: Fault zone, strong brx, solid gg (38.4 - 38.7), Rec. 80 - 90 % Remainder of zone: Rec. 99 - 100 % Remarks: 53.7 - 53.9: Zone of abundant diss fine-grained py-cp	1	2	1	1	1	0	-	0.3	0.4	-	38.4	41.2	22912	0.16	0.10
														41.2	44.0	22913	0.17	0.07
														44.0	47.0	22914	0.08	0.03
														47.0	50.0	22915	0.16	0.05
														50.0	53.0	22916	0.14	0.04
														53.0	56.0	22917	0.06	0.04
														56.0	59.0	22918	0.04	0.03
														59.0	62.0	22919	0.06	0.04
														62.0	65.0	22920	0.02	0.02
														65.0	68.0	22921	0.05	0.03
														68.0	71.0	22922	0.05	0.02
														71.0	74.0	22923	0.03	0.02
											0.9	0.6	-	74.0	77.0	22924	0.03	0.04
														77.0	80.0	22925	0.02	0.01
86.6	91.7	Bas? dyke	Basalt? Dyke: Similar to rock from (34.6 - 38.4). Except that small zenoliths (1 - 5 cm) of fine-grained diorite occur distinctly in the aphenitic grey-brown groundmass. Carb streaks (1 mm - 5 mm) crosscut the rock about 20 to c.a. Carb also occures as small blebs and "splashes" and as fracture filling. Rock is very weakly magnetic and barren of sulphide mineralization. Upper and lower contacts are gradational over about 20 cm. Contact angle to c.a. is indeterminate. Core quality: Dyke rock is fairly friable, competent looking core becomes rubbly when handled, Rec 95 - 99%	0	0	0	0	2	0	-	0	0	-	80.0	83.0	22926	0.02	0.02
														83.0	86.6	22927	0.02	0.02
														86.6	91.7	22928	0.03	0.03
91.7	202.99	BMzDr	Biotite-Monzodiorite: Similar to rock from (38.4 - 86.6 m). Generally rock is medium to dark grey-green, fine-grained, equigranular to weakly variable porphyritic texture. Fine-grained diss magnetite (5 - 10%) and fine-grained diss golden-brown biotite (10 - 15%) occurs pervasivly throughout zone. Variations in texture and accessory mineral noted below under remarks. Grain size progressivly increases down hole (still defined as fine-grained at bottom) and quartz appears to increase down hole, with a significant increase from 160.7 m to end-of-hole (still <5% at bottom). Feldspar is weakly to moderately sausseritized throughout zone, sausseritization appears to increase slightly with depth. Alteration: Moderate to strong propylitic/potassic, stwk of Kf-epi-minor chl-ser veins. A few zones of epi-Kf flooding with associate stringers and patches of Kf-epi-minor tourm? occur within zone and are noted below. Dominant veins tend to cut core at 10 - 20 to c.a. Veins are generally < 1 mm to 2 mm wide but have altn halos up to 1 cm wide. Chl-ser makes some fractures feel greasy. A few minor secondary magnetite veins occur in the zone and are noted below under remarks. Minor late carb veins (<1 mm - 2 mm) cut other altn throughout zone. Mineralization: Weak to moderate py-cp observed in Kf-epi-chl veins and Kf-epi patches. Strong diss fine-grained cp-py occurs sporatically throughout zone (strong mineralized zones noted below). Weak diss mineralization is more difficult to define as it may be masked by fine-grained biotite. Moderate cp occurs with secondary mag veins.	2-3	3	2	1	2	1	(qtz) 1	0.3	0.6	-	91.7	95.0	22929	0.17	0.11
														95.0	98.0	22930	0.12	0.09
														98.0	101.0	22931	0.06	0.04
														101.0	104.0	22932	0.13	0.14
														104.0	107.0	22933	0.24	0.22
														107.0	110.0	22934	0.24	0.17
														110.0	113.0	22935	0.29	0.14
														113.0	116.0	22936	0.12	0.07
														116.0	120.2	22937	0.15	0.09
														120.2	123.0	22938	0.21	0.15
														123.0	126.0	22939	0.02	0.03
														126.0	129.0	22940	0.13	0.07
														129.0	132.0	22941	0.14	0.07
														132.0	135.0	22942	0.05	0.04
														135.0	138.0	22943	0.08	0.03
														138.0	141.0	4206	0.16	0.08
														141.0	144.0	22944	0.07	0.05
														144.0	147.0	22945	0.14	0.20
														147.0	150.0	22946	0.29	0.14
														150.0	153.0	22947	0.12	0.06
														153.0	156.0	22948	0.18	0.11
														156.0	159.0	22949	0.04	0.03
														159.0	162.0	22950	0.06	0.03

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
			Core quality: Several small zones of broken rock (brx) as noted below.															
			95.4 - 95.6: mod brx, gg, Rec. 90 -95 %											162.0	165.0	22951	0.11	0.04
			192.7 - 193.0: mod brx, gg Rec. 85 - 90 %											165.0	168.0	22952	0.12	0.05
			199.2 - 199.4: mod brx, Rec. 95 - 98 %											168.0	171.0	22953	0.13	0.09
			Remainder of zone: Rec. 99 - 100% %											171.0	174.0	22954	0.12	0.11
			Remarks: Details within the major zone are noted below.											174.0	177.0	22955	0.11	0.07
			91.7 - 97.2: Increase in small epi (minor Kf) flooded zones (to 20 cm) plus	3	3-4			2-3		(hem)				177.0	180.0	22956	0.10	0.06
			increase in streaks and patches of Kf-epi-tourm. Zone also contains "stringy"							1				180.0	183.0	22957	0.28	0.15
			carb veins (1 - 5 mm wide and about 10 to c.a.) with associated minor hem.											183.0	186.0	22958	0.10	0.03
			97.2 - 102.7: Zone of porphyritic texture. Scattered plag phenos (1 -2 mm)								0.1	0.2	-	186.0	189.0	22959	0.04	0.02
			plus random biotite phenos (2 - 3 mm) in a matrix of fine-grained monzodiorite.											189.0	192.0	22960	0.08	0.05
			Accessory magnetite and biotite decreases slightly in this zone.											192.0	195.0	22961	0.01	0.03
			Sulphides (cp-py) very weak in this zone.											195.0	199.0	22962	0.01	0.01
			109.0 - 110.1: Zone of strong diss fine-grained cp-py								0.5	1.2	-	199.0	202.99	22963	0.01	0.03
			120.4 - 191.5: Fine-grained diss biotite generally strong in this zone (about 15%)															
			123 - 124.4: small samon pink synitic dyke? (K-f with hornblend laths (5%)								0.1	0.1	-					
			and minor blebs of cp) Dyke cuts back and forth across core in several															
			places (15 -20 cm wide) and parallels core (core half synite and half diorite)															
			for about 50 cm. Contact very sharp.															
			140.4 - 147.5: Increase in epi-Kf flooded zones (up to 30 cm) plus increase	3	3-4				2		0.2	0.6	-					
			in veins and patches of Kf-epi. Zone also contains several "stringy"															
			veins of secondary magnetite (5 mm - 1 cm wide and about 25 to c.a.) with															
			moderate cp.															
			160.7 - 166.8: Increase in epi-Kf flooded zones (up to 20 cm) plus increase	3	3-4													
			in veins and patches of Kf-epi.															
			162.0 - 162.7: Zone of strong diss fine-grained cp-py								0.5	1.5	-					
			187.3 - 189.2: Zone of strong qtz-carb-stringers (1 -2 cm wide at 5 -10 to c.a.)					3	(hem)	(qtz)								
			with associated hem, minor chl-ser and small cp blebs.						1	1								
			191.5 - EOH: Core a lighter grey colour, f-g diss biotite decreases (</= 5%)	1	1-2						0.1	0.1	-					
			Kf -epi altn minimal, only trace amounts of sulphides observed.															
	202.99		END OF HOLE															

LOCATION: Harvey Zone	BEARING: 180 Az	LATITUDE (N): UTM grid 5759147 N*	CORE SIZE: NQ	REMARKS: Test new mineralization
DATE COLLARED: August 13, 2002	DIP: -60	LONGITUDE (E): UTM grid 615540 E*	LOGGED BY: G. E. Barker	west of Ann North. Hole collared
DATE COMPLETED: August 17, 2002	LENGTH: 152.70 m	ELEVATION: 1170 m*	DATE: August 16, 2002	about 100 m @ 045 from site 02-4

*values from chain-compass survey & topo map

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
0	2.44	Casing	Overburden, not recovered															
2.44	15.8	MzDr	Monzodiorite: Medium to dark grey - grey-green to black, fine-grained, subhedral to anhedral, equigranular to weakly variable porphyritic with random minor phenos of biotite and plag feldspar (1 -3 mm). Essential feldspar is weakly sausseritized. Main accessory minerals are fine-grained disseminated magnetite (5 -8%) and fine-grained medium to dark brown biotite (4 - 7%) Alteration: Oxide-supergene zone to 15.8 m (weak limonite on fractures plus minor native copper). Moderate propylitic / weak potassic alteration (epi-Kf, minor chl-qtz) occurs as veins (minor stockwork), streaks, patches and small flooded zones. Dominant veins 35 - 40 to c.a., 1mm - 1cm wide, weak (fuzzy) alteration halos (1 - 5 mm) associated with veins. Minor secondary magnetite as veins and streaks occurs sporadically in zone. Weak late-stage carbonate veins (<1 - 2 mm) cut all other alteration generally at 10 -20 to c.a. Mineralization: Weak to moderate disseminated fine-grained cp-py variable in zone. Minor "flakes" of native copper on fractures and in veins. Weak to moderate blebs of cp-py associated with Kf-epi-mag-tourm(?) alteration. Core Quality: Zone is competent except as noted below. 4.3 - 5.5 : broken rock (brx), Recovery (Rec) 95 - 98 % Remainder of zone, Rec 99 - 100 % Remarks: Details within zone noted below. 7.0 - 7.1: Good blebs of cp associated with Kf-epi altn. 10.2 - 10.7: epi-minor Kf flooded zone.	1-2	2	1	0-1	1	1	(lim) 1	0.5	0.3	(Cu) 0.1	2.44	6.0	22964	0.11	0.05
														6.0	9.0	22965	0.11	0.05
														9.0	12.0	22966	0.22	0.13
														12.0	15.0	22967	0.61	0.25
15.8	116.4	MzDr	Monzodiorite: Lithology similar to 2.44 - 15.8 m Alteration: General alteration package similar to 2.44 - 15.8 m except there is no oxide-supergene alteration. Also hematite on fractures (see remarks). Mineralogy: Erratic zones of disseminated fine-grained cp-py as noted under remarks below. A few minor blebs of cp-py associated with Kf-epi alteration. Anomalous copper (>0.1% copper) to about 67 m, below 67 m core is relatively barren of sulphides. Core Quality: Several zones of brx +/- gouge (gg) as noted below. 19.1 - 19.4: Brx, minor gg, Rec. 75 - 80 % 27.4 - 27.6: Brx, minor gg, Rec. 75 - 80 % 36.5 - 36.8: Brx, Rec. 85 - 90 % 39.6 - 40.5: Brx, Rec. 85 - 90 % 52.8 - 53.7: Brx, gg, Rec. 75 - 80 % 60.1 - 60.4: Brx, gg, Rec. 75 - 80 % 80.6 - 81.4: Brx, gg, Rec. 80 - 85 %	1	2-3	1	0-1	1	1	-	0.4	0.3	-	15.0	18.0	22968	0.29	0.15
														18.0	21.0	22969	0.07	0.05
														21.0	24.0	22970	0.11	0.07
														24.0	27.0	22971	0.55	0.47
														27.0	30.0	22972	0.29	0.15
														30.0	33.0	22973	0.30	0.18
														33.0	36.0	22974	0.03	0.02
														36.0	39.0	22975	0.03	0.02
														39.0	42.0	22976	0.11	0.19
														42.0	45.0	22977	0.13	0.06
														45.0	48.0	22978	0.02	0.03
														48.0	51.0	22979	0.11	0.04
														51.0	54.0	22980	0.01	0.01
														54.0	57.0	22981	0.13	0.07
														57.0	60.0	22982	0.14	0.06

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong)							MINERALIZATION Estimated %			SAMPLE DATA				
														Interval (m)		Sample	Assays	
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
			81.4 - 84.7: Brx, core fractured and friable, Rec. 95 - 98 %											60.0	63.0	22983	0.02	0.02
			102.8 - 103.0: Brx, Rec. 95 - 98 %											63.0	66.0	22984	0.07	0.05
			112.2 - 112.4: Brx, (strong hematite on fractures), Rec. 97 - 99 %											66.0	69.0	22985	0.19	0.08
			115.5 - 116.3: Brx, (moderate hematite on fractures), Rec. 97 - 99 %															
			Remainder of zone, Rec 99 - 100 %															
			Remarks: Misc. details within zone.															
			25.4 - 25.8: Medium grained, equigranular monzonite dyke. Trace cp.											78.0	81.0	23002	0.02	0.02
			29.0 - 29.2: magnetite veins (streaks), 30 to c.a., 1 -2 cm wide, no cp.															
			31.8 - 32.3: epi flooded zone.															
			32.9 - 34.2: epi flooded zone, magnetite veins (streaks), 20 to c.a., 2 -3 cm wide, moderate cp.											90.0	93.0	23003	0.05	0.02
			47.5 - 54.7: increase in epi with minor Kf, as patches and stwk.															
			66.0 - 66.5: good cp-py on epi rich fracture, mod f-g cp-py diss in core.															
			79.7 - 84.6: increase in epi with minor Kf, as patches and stwk. Also increase carb- minor qtz veins.											102.0	105.0	23004	0.03	0.02
			90.2 - 93.0: weak porphyritic texture, sparse black hard "blotchy" phenos (pyroxene ?) to 5 mm.															
			93.2 - 94.0: increase in epi with minor Kf.															
			97.3 - 100.6: increase in qtz, several small zones of massive (late vein) qtz to 5 cm.							(qtz) 2				114.0	116.3	23005	0.03	0.01
			111.4 - 116.3: increase in epi, mod to strong hematite on fractures, moderate qtz-carb veins and streaks.							(hem) 1								
116.3	125.9	Bas ?	Basalt ? Dyke: Grey-brown, porphyritic, plag, biotite and minor carb phenos to 5 mm in aphanitic groundmass. contacts gradational over 10 to 20 m. Minor carb veins crosscut about 40 to c.a., 1 - 3 mm wide. No sulphide mineralization observed. Core is competent Rec. 99 - 100 % except for mod brx zone from 123.0 - 124.7 were Rec is 95 - 98 %.	0	0	0	0	0	0	-	0	0	-					
125.9	132.0	MzDr	Monzodiorite: Lithology similar to 15.8 - 116.3 m except core lighter in colour due to reduced f-g magnetite and biotite and slight increase in qtz. Alteration: General alteration package similar to 15.8 - 116.3 m except minor hematite on fractures throughout zone. Also epi increases, Kf decreases Mineralogy: Minor py associated with epi altn. Chalcopyrite in trace amounts with pyrite. Core Quality: Core is competent in zone, Rec 99 - 100 %	0-1	3	1	0-1	1	1	(hem) 1	0.2	0.1	-	125.0	128.0	23006	0.03	0.02
132.0	137.8	Bas ?	Basalt ? Dyke: Similar to 116.3 - 125.9 m except small (<1 - 1 mm) pyrite crystals (cubes) seen sporadically in zone. Core is competent Rec. 99 - 100 %	0	0	0	0	0	0	-	0.1	0	-					
137.8	152.70	Dr	Diorite: Similar to 125.9 - 132.0 except lighter grey-green colour, plag feldspar dominant essential mineral, fine-grained diss magnetite reduced to 3 - 6 % and fine-grained biotite reduced to trace amounts. Quartz increases and the core is slightly silicified (hard drilling reported). Alteration: Moderate to strong propylitic alteration (epi-chl-minor ser-qtz-carb) occurs as veins (minor stockwork), streaks, patches and small flooded zones. Dominant veins about 45 to c.a., 1 - 5 mm wide. Weak late-stage carbonate veins (<1 - 2 mm) cut all other alteration generally at 10 -15 to c.a. Carb veins decrease near end of hole.	0	3-4	2	1	1	0	-	0.1	0	-	137.0	140.0	23007	0.01	0.01
														149.0	152.7	23008	0.02	0.02

DEPTH (m) From	DEPTH (m) to	ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) Intensity score: 0(none) to 5(strong) Kf	epi	chl	ser	carb	mag	(?)	MINERALIZATION Estimated % py	cp	(?)	SAMPLE DATA Interval (m) from	to	Sample Number	Assays Cu %	Au g/t
			Mineralization: Trace amounts of pyrite associated with propylititc (epi) alteration. Core Quality: Zone is competent except for a few minor zones (10 -15 cm) of broken rock, Recovery 99 - 100 % Remarks: Details within zone noted below.															
			137.8 - 140.5: Hematite on fractures. Note: Association of dyke rock and hematite. Hematite occurs on fractures just before first basalt dyke, between first and second dyke and just after second dyke							(hem) 1								
	152.70		END OF HOLE															

Appendix C: Diamond Drill Hole Assay Certificates

To	SCOTT	From	
Co /Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

ASSAYING
OCHEMISTRY
L CHEMISTRY
NTAL TESTING

ops, B.C V2C 6T4
Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-127

GWR RESOURCES INC.
Box 545
Armstrong, BC
V0E 1B0

25-Jun-02

ATTENTION: Irvin Eisler

No. of samples received: 29
Sample Type: Core
Project #: None Given
Shipment #: None Given
Samples submitted by: GWR

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)
1	22751	0.04	0.001	0.10	<0.03	<0.001	<0.03	<0.001
2	22752	0.05	0.001	0.04	<0.03	<0.001	<0.03	<0.001
3	22753	0.04	0.001	0.07	<0.03	<0.001	<0.03	<0.001
4	22754	0.03	0.001	0.05	<0.03	<0.001	<0.03	<0.001
5	22755	<0.03	<0.001	0.03	<0.03	<0.001	<0.03	<0.001
6	22756	0.03	0.001	0.09	<0.03	<0.001	<0.03	<0.001
7	22757	<0.03	<0.001	0.07	<0.03	<0.001	<0.03	<0.001
8	22758	0.03	0.001	0.08	<0.03	<0.001	<0.03	<0.001
9	22759	<0.03	<0.001	0.02	<0.03	<0.001	<0.03	<0.001
10	22760	0.06	0.002	0.09	<0.03	<0.001	<0.03	<0.001
11	22761	0.03	0.001	0.11	<0.03	<0.001	<0.03	<0.001
12	22762	0.22	0.006	0.37	<0.03	<0.001	<0.03	<0.001
13	22763	0.21	0.006	0.31	<0.03	<0.001	<0.03	<0.001
14	22764	<0.03	<0.001	0.08	<0.03	<0.001	<0.03	<0.001
15	22765	0.07	0.002	0.17	<0.03	<0.001	<0.03	<0.001
16	22766	0.05	0.001	0.18	<0.03	<0.001	<0.03	<0.001
17	22767	0.18	0.005	0.31	<0.03	<0.001	<0.03	<0.001
18	22768	0.07	0.002	0.22	<0.03	<0.001	<0.03	<0.001
19	22769	0.13	0.004	0.28	<0.03	<0.001	<0.03	<0.001
20	22770	0.22	0.006	0.41	<0.03	<0.001	<0.03	<0.001
21	22771	0.15	0.004	0.24	<0.03	<0.001	<0.03	<0.001
22	22772	0.09	0.003	0.17	<0.03	<0.001	<0.03	<0.001
23	22773	0.15	0.004	0.24	<0.03	<0.001	<0.03	<0.001
24	22774							
		0.05	0.001	0.18	<0.03	<0.001	<0.03	<0.001

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Jutta Jealouse
B.C. Certified Assayer

GWR RESOURCES INC. AK 2002- 127

25-Jun-02

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)
25	22775	0.08	0.002	0.11	<0.03	<0.001	<0.03	<0.001
26	22776	0.07	0.002	0.15	<0.03	<0.001	<0.03	<0.001
27	22777	0.09	0.003	0.26	<0.03	<0.001	<0.03	<0.001
28	22778	0.10	0.003	0.35	<0.03	<0.001	<0.03	<0.001
29	22779	0.03	0.001	0.18	<0.03	<0.001	<0.03	<0.001
QC DATA:								
Resplit:								
1	22751	0.03	0.001	0.10	<0.03	<0.001	<0.03	<0.001
Repeat:								
1	22751	0.03	0.001	0.10	<0.03	<0.001	<0.03	<0.001
10	22760	0.05	0.001	0.09	<0.03	<0.001	<0.03	<0.001
19	22769	-	-	0.27	-	-	-	-
Standard:								
Sd1a		-	-	0.96	-	-	-	-

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Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/02
CC. Scott Berkey

Eco Tech LABORATORY LTD.

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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-152

GWR RESOURCES INC.
Box 346
Armstrong, BC
V0E 1B0

8-Jul-02

ATTENTION: Irvin Eisler

No. of samples received: 11
Sample Type: Core
Project #: None Given
Shipment #: None Given
Samples submitted by: GWR

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	22780	0.12	0.003	0.27
2	22781	0.18	0.005	0.34
3	22782	0.09	0.003	0.26
4	22783	0.07	0.002	0.15
5	22784	0.17	0.005	0.30
6	22785	0.08	0.002	0.12
7	22786	0.19	0.006	0.37
8	22787	0.08	0.002	0.08
9	22788	0.29	0.008	0.66
10	22789	<0.01	<0.003	0.07
11	22790	0.19	0.006	0.52
QC DATA:				
Resplit:				
R/S 1	22780	0.11	0.003	0.27
Repeat:				
R1	22780	0.11	0.003	0.27
Standard:				
STD-M		1.84	0.054	-
SUIA		-	-	0.95

ECO TECH LABORATORY LTD.
Julie Jealouse
B.C. Certified Assayer

JJ/kk
XLS:02

07 17/02 14:29 2505734557 ECO-TECH KAM. 001

Post-it™ Fax Note 7671E Date July 17 # of pages 5
To GWR From
Co./Dept. Co
Phone # Phone #
Fax # Fax #

ASSAYING
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IALYTICAL CHEMISTRY
IRONMENTAL TESTING

Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-174

GWR RESOURCES INC.
Box 545
Armstrong, BC
V0E 1B0

16-Jul-02

ATTENTION: *Irvin Eister*

No. of samples received: 58
Sample Type: Core
Project #: None Given
Shipment #: None Given
Samples submitted by: GWR

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	22791	0.08	0.002	0.18
2	22792	0.05	0.001	0.11
3	22793	0.05	0.001	0.09
4	22794	<0.03	<0.001	0.02
5	22795	<0.03	<0.001	0.04
6	22796	<0.03	<0.001	0.02
7	22797	<0.03	<0.001	0.01
8	22798	<0.03	<0.001	0.01
9	22799	<0.03	<0.001	0.02
10	22800	<0.03	<0.001	0.01
11	22801	<0.03	<0.001	0.02
12	22802	0.08	0.002	0.01
13	22803	<0.03	<0.001	0.01
14	22804	<0.03	<0.001	0.01
15	22805	<0.03	<0.001	0.05
16	22806	<0.03	<0.001	0.04
17	22807	0.04	0.001	<0.01
18	22808	<0.03	<0.001	0.01
19	22809	<0.03	<0.001	0.03
20	22810	<0.03	<0.001	0.04
21	22811	0.05	0.001	0.08
22	22812	<0.03	<0.001	<0.01
23	22813	<0.03	<0.001	0.05
24	22814	<0.03	<0.001	0.01

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Jutta Jealouse
B.C. Certified Assayer

GWR RESOURCES INC. AK 2002-174 16-Jul-02

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
25	22815	0.03	0.001	0.11
26	22816	<0.03	<0.001	0.01
27	22817	<0.03	<0.001	0.01
28	22818	<0.03	<0.001	0.01
29	22819	<0.03	<0.001	0.05
30	22820	0.04	0.001	0.21
31	22834	<0.03	<0.001	0.02
32	22835	0.03	0.001	0.06
33	22836	0.07	0.002	0.15
34	22837	0.04	0.001	0.03
35	22838	<0.03	<0.001	0.05
36	22839	<0.03	<0.001	0.05
37	22840	<0.03	<0.001	0.04
38	22841	0.17	0.005	0.13
39	22842	0.08	0.002	0.19
40	22843	0.03	0.001	0.08
41	22844	0.04	0.001	0.17
42	22845	<0.03	<0.001	0.03
43	22846	<0.03	<0.001	0.02
44	22847	<0.03	<0.001	0.04
45	22848	<0.03	<0.001	<0.01
46	22849	<0.03	<0.001	0.02
47	22850	<0.03	<0.001	0.05
48	22851	0.06	0.002	0.06
49	22852	0.08	0.002	0.17
50	22853	0.13	0.004	0.34
51	22854	0.10	0.003	0.36
52	22855	0.13	0.004	0.40
53	22856	0.15	0.004	0.40
54	22857	0.25	0.007	0.53
55	22858	0.09	0.003	0.18
56	22859	0.05	0.001	0.07
57	22860	0.03	0.001	0.03
58	22861	<0.03	<0.001	0.03
QC DATA:				
Resplit:				
1	22791	0.07	0.002	0.18
36	22839	<0.03	<0.001	0.05
Repeat:				
1	22791	0.08	0.002	0.17
10	22800	<0.03	<0.001	0.01
19	22809	0.09	0.003	0.03
36	22839	<0.03	<0.001	0.05
45	22848	<0.03	<0.001	<0.01
Standard:				
SU1a		-	-	0.96
SU1a		-	-	0.98
STD-M		1.89	0.055	-

JL/kk
XLS/02
Fax GWR - 250-546-3535
CC: Scott Berry Fax - 250-457-6710

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

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Assay Certificate

2V-0288-RA1

Aug-09-02

Company: **GWR Resources Inc.**
Project:
Attn: Irvin Eisler

We *hereby certify* the following assay of 24 drill core samples submitted Jul-31-02 by Irvin Eisler.

Sample Name	Au g/tonne	Au g/tonne	Ag g/tonne	Cu %
4206	0.08	0.06	0.6	0.160
22820	0.09		1.5	0.179
22821	0.06		0.1	0.146
22822	0.03		0.5	0.032
22823	0.06		0.9	0.154
22824	0.04		0.1	0.083
22825	0.06		0.2	0.136
22826	0.02	0.01	0.1	0.012
22827	0.03		0.1	0.023
22828	0.07		0.3	0.099
22829	0.09		0.2	0.162
22830	0.05		0.3	0.086
22831	0.02		0.2	0.053
22832	0.02		0.1	0.052
22833	0.03		0.1	0.093
22862	0.15		0.3	0.455
22863	0.05		0.1	0.102
22864	0.06		0.1	0.126
22865	0.02		0.3	0.046
22866	0.03		0.1	0.042
22867	0.09	0.08	0.1	0.081
22868	0.02		0.2	0.035
22869	0.06		0.1	0.024
22870	0.03		0.1	0.092
*DUP 4206			0.8	0.161
*DUP 22828			0.2	0.099
*DUP 22866			0.1	0.043
*97-2	1.38			
*MP-1a (1/5)			13.9	0.291
*BLANK	<0.01		<0.1	<0.001

Certified by _____

ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Canada's Assaying for over 20 Years

2V-0288-RA2

Assay Certificate

Aug-09-02

Company: **GWR Resources Inc.**
Project:
Attn: Irvin Eisler

We *hereby certify* the following assay of 24 drill core samples submitted Jul-31-02 by Irvin Eisler.

Sample Name	Au g/tonne	Au g/tonne	Ag g/tonne	Cu %
22871	0.04		3.1	0.039
22872	0.04	0.05	0.5	0.042
22873	0.02		0.6	0.030
22874	0.03		0.2	0.055
22875	0.02		0.1	0.014
22876	0.01		0.8	0.007
22877	0.07		0.6	0.049
22878	0.10		0.1	0.097
22879	0.10		0.3	0.161
22880	0.10		0.2	0.127
22881	0.07		0.2	0.145
22882	0.05		0.3	0.113
22883	0.06		4.3	0.052
22884	0.04		0.1	0.140
22885	0.15	0.13	0.8	0.155
22886	0.02		0.2	0.042
22887	0.01		0.1	0.009
22888	0.02		0.1	0.028
22889	0.02		0.2	0.025
22890	0.01		0.1	0.016
22891	0.03	0.04	0.3	0.033
22892	0.03		0.2	0.053
22893	0.02		0.1	0.012
22894	0.04		0.1	0.038
*DUP 22671			2.8	0.040
*DUP 22880			0.1	0.128
*DUP 22890			0.1	0.016
*97-2	1.40			
*MP-1a (1/5)			14.0	0.230
*BLANK	<0.01		<0.1	<0.001

Certified by _____

ASSAYERS CANADA

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Quality Assaying for over 25 Years

2V-0...

Aug-...

Assay Certificate

Company: **GWR Resources Inc.**
Project:
Attn: Irvin Eisler

We *hereby certify* the following assay of 24 drill core samples submitted Jul-31-02 by Irvin Eisler.

Sample Name	Au g/tonne	Au g/tonne	Ag g/tonne	Cu %
22895	0.02		0.2	0.018
22896	0.03		0.1	0.033
22897	0.03		0.1	0.035
22898	0.02		0.1	0.054
22899	0.02		0.4	0.021
22914	0.03		0.1	0.081
22915	0.05		0.1	0.165
22916	0.04		0.5	0.144
22917	0.04		0.9	0.059
22918	0.03	0.02	0.3	0.045
22919	0.04		0.2	0.062
22920	0.02	0.01	0.1	0.022
22921	0.03		0.3	0.050
22922	0.02		0.1	0.054
22923	0.02		0.1	0.032
22924	0.04		0.2	0.028
22925	0.01		0.1	0.019
22926	0.02	0.01	0.2	0.015
22927	0.02		0.3	0.019
22928	0.03		0.1	0.028
22929	0.11		0.1	0.170
22930	0.09		0.2	0.121
22931	0.04		0.2	0.058
22932	0.14		0.1	0.129
*DUP 22895			0.1	0.018
*DUP 22916			0.4	0.045
*DUP 22928			0.1	0.028
*97-2	1.35			
*MP-1a (1/5)			14.2	0.291
*BLANK	<0.01		<0.1	<0.001

Certified by ____________

ASSAYERS CANADA

Assayers Canada
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Quality Assaying for over 25 Years

Assay Certificate

2V-0277-RA1

Company: **GWR Resources Inc.**

Jul-26-02

Project:

Attn: Irvin Eisler

We *hereby certify* the following assay of 13 drill core samples submitted Jul-26-02 by Irvin Eisler.

Sample Name	Au g/tonne	Ag g/tonne	Cu %
22901 (22901)		0.9	0.160
22902		0.4	0.079
22903		0.2	0.118
22904		0.2	0.069
22905		0.5	0.279
22906 (22906)		0.3	0.137
22907		0.3	0.093
22908		0.1	0.070
22909		0.7	0.049
22910		0.1	0.028
22911 (22911)		0.3	0.001
22912		1.4	0.162
22913		0.1	0.170
*DUP 22901		0.7	0.159
*DUP 22910		0.1	0.029
*MP-1a		13.9	0.291
*Blank		<0.1	<0.001

Name	Au g/ton		Cu %
22901	0.12	0.5	0.160
22902	0.04	0.4	0.079
22903	0.05	0.2	0.118
22904	0.03	0.2	0.069
22905	0.[illegible]	0.5	0.279
22906	0.[illegible]	0.3	0.137
22907	0.04	0.3	0.093
22908	0.03	0.1	0.0[illegible]
22909	0.04	0.7	0.049
22910	0.05	0.1	0.028
22911	<0.01	0.3	0.001
22912	0.10	1.4	0.162
22913	0.07	0.1	0.170
*DUP 22901	0.11	0.7	0.159
*DUP 22905	0.07		
*DUP 22910		0.1	0.029
*97-2	1.39		
*MP-1a		13.9	0.291
*Blank		<0.1	<0.001

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Quality Assaying for over 25 Years

Assay Certificate

2V-0288-RA4

Company: **GWR Resources Inc.**
Project:
Attn: Irvin Eisler

Aug-09-02

We *hereby certify* the following assay of 24 drill core samples submitted Jul-31-02 by Irvin Eisler.

Sample Name	Au g/tonne	Au g/tonne	Ag g/tonne	Cu %
22933	0.22		0.1	0.239
22934	0.17		0.2	0.245
22935	0.14		0.1	0.287
22936	0.07		0.4	0.116
22937	0.09	0.07	1.5	0.152
22938	0.15		0.3	0.209
22939	0.03		0.1	0.024
22940	0.07		0.6	0.134
22941	0.07		0.2	0.135
22942	0.04		0.1	0.048
22943	0.03		0.1	0.081
22944	0.05		0.1	0.073
22945	0.20		0.1	0.144
22946	0.14		0.1	0.286
22947	0.06	0.07	0.1	0.117
22948	0.11		0.1	0.175
22949	0.03		0.1	0.036
22950	0.03		0.3	0.062
22951	0.04		0.2	0.110
22952	0.05	0.04	0.4	0.118
22953	0.09		0.1	0.130
22954	0.11		0.1	0.116
22955	0.07		0.2	0.113
22956	0.06		0.2	0.104
*DUP 22933			0.2	0.138
*DUP 22942			0.1	0.049
*DUP 22952			0.3	0.119
*97-2	1.41			
*MP-1a (1/5)			13.9	0.292
*BLANK	<0.01		<0.1	<0.001

ASSAYERS CANADA

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Quality Assaying for over 20 Years

Assay Certificate

2V-0288-RA5

Company: **GWR Resources Inc.**
Project:
Attn: Irvin Eisler

Aug-09-02

We *hereby certify* the following assay of 7 drill core samples submitted Jul-31-02 by Irvin Eisler.

Sample Name	Au g/tonne	Au g/tonne	Ag g/tonne	Cu %
22957	0.15		0.4	0.284
22958	0.03	0.04	0.1	0.101
22959	0.02		0.2	0.043
22960	0.05		0.2	0.082
22961	0.03		0.1	0.003
22962	0.01		0.1	0.003
22963	0.03		0.1	0.004
*DUP 22957			0.5	0.284
*97-2	1.37			
*MP-1a (1/5)			14.0	0.283
*BLANK	<0.01		<0.1	<0.001

Certified by

Assay Certificate

2V-0359-RA1

Oct-03-02

Company: **GWR Resources Inc.**
Project:
Attn: Scott Berkey

We *hereby certify* the following assay of 24 rock samples submitted Sep-20-02 by Scott Berkey.

Sample Name	Au g/tonne	Au g/tonne	Cu %	Cu %
22964	0.05	0.04	0.107	0.108
22965	0.05		0.113	
22966	0.13		0.221	
22967	0.25		0.608	
22968	0.15		0.291	
22969	0.05		0.065	
22970	0.07		0.112	
22971	0.47		0.546	
22972	0.15		0.287	
22973	0.18		0.303	0.305
22974	0.02		0.026	
22975	0.02		0.029	
22976	0.19		0.107	
22977	0.06		0.129	
22978	0.03		0.020	
22979	0.04	0.05	0.108	
22980	0.01		0.010	
22981	0.07		0.130	
22982	0.06		0.144	
22983	0.02	0.01	0.019	0.019
22984	0.05		0.069	
22985	0.08		0.186	
23002	0.02		0.019	
23003	0.02		0.050	
*97-2	1.33			
*MP-1a (1/5)			0.287	
*Blank	<0.01		<0.001	

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Vancouver, B.C.
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Fax: (604) 327-3423

Assay Certificate

2V-0359-RA2

Company: **GWR Resources Inc.**

Oct-03-02

Project:

Attn: Scott Berkey

We *hereby certify* the following assay of 5 rock samples submitted Sep-20-02 by Scott Berkey.

Sample Name	Au g/tonne	Au g/tonne	Cu %	Cu %
23004	0.02	0.02	0.031	0.031
23005	0.01		0.028	
23006	0.02		0.031	
23007	0.01		0.008	
23008	0.02		0.015	
*97-2	1.40			
*MP-1a (1/5)			0.286	
*Blank	<0.01		<0.001	

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