

**An ASSESSMENT REPORT on  
DIAMOND DRILLING**

on the

**ANN 2 Mineral Claim (Northeast-mag Zone)  
Clinton Mining Division**

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

<b>MINERAL TITLES BRANCH</b> Rec'd.  DEC 19 2003 L.I.# _____ File _____ VANCOUVER, B.C.
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**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

December 15, 2003

**27,289**

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## 1. SUMMARY

In March 2003, GWR Resources Inc. initiated a diamond-drilling program to test a large magnetic anomaly located in the northeast section of their 100% owned ANN 2 mineral claim located 20 kilometers northeast of Lac La Hache, BC. This report describes and evaluates seven NQ angle holes (03-4 to 03-10 totaling 977.14 meters) that were drilled as part of the program to test the magnetic anomaly for copper-gold mineralization. The anomaly (designated the Northeast-mag Zone) occurs about 500 meters north of the Harvey Zone where anomalous copper-gold mineralization was intersected in diamond drill-holes drilled by GWR Resources Inc. in 2002.

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. Current diamond drilling on the Northeast-mag Zone has further added to a large body of exploration data by again confirming the presents of copper-gold mineralization in the area.

The seven holes, collared within 200 meters of each other and drilled along and across the magnetic anomaly, intersected several zones of anomalous copper-gold mineralization. The following table provides a summary of significant intersections of anomalous copper grade (continuous intersections  $\geq 6$  meters with average grade  $\geq 0.20\%$  Cu) found in the drill holes. Gold grades associated with the anomalous copper are also given.

Diamond-drill hole significant grade intersections

HOLE NUMBER	FROM meters	TO meters	LENGTH meters	COPPER %	GOLD g/t
03-4	7.3	15.0	7.7	0.24	0.11
03-5	26.0	41.0	15.0	0.27	0.30
	60.0	69.0	9.0	0.47	0.46
03-7	52.0	83.0	31.0	0.24	0.07
	93.0	114.0	21.0	0.28	0.12
03-10	99.0	108.0	9.0	0.57	0.36
	111.0	120.0	9.0	0.26	0.13

Geological modeling indicates that at least two steep dipping sub-parallel mineralized systems occur in association with the targeted magnetic anomaly. The copper-gold mineralization is generally hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite. The sulphide mineralization occurs as fine-grained variably disseminated pyrite and chalcopyrite and as pyrite and chalcopyrite in veins and as blebs in K-feldspar-epidote alteration "patches". Chalcopyrite is also found in secondary magnetite veins. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration. There is some evidence to suggest that metal zoning (gold) occurs across the magnetic anomaly from northeast to southwest but more work is required to confirm and detail this.

The "Northeast-mag 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 (8 to 10 holes totaling about 1500 meters) be drilled to further test the extent of the modeled copper-gold zones. Drilling should be done in 3 or 4 "fence lines" across the magnetic anomaly. Angle holes should be drilled about 70 meters apart (integrating existing holes where possible) and drilled to the southwest at -45 degrees.

## **2. INTRODUCTION**

In March 2003, GWR Resources Inc. initiated a diamond-drilling program to test a large magnetic anomaly located in the northeast section of their 100% owned ANN 2 mineral claim located 20 kilometers northeast of Lac La Hache, BC (see Figures 1, 2, 3 and 5). The zone (designated the Northeast-mag Zone) occurs about 500 meters north of the Harvey Zone where anomalous copper-gold mineralization was intersected in diamond drill-holes drilled by GWR Resources Inc. in 2002 (see assessment report by G.E. Barker, December, 2002).

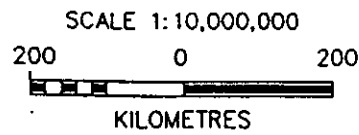
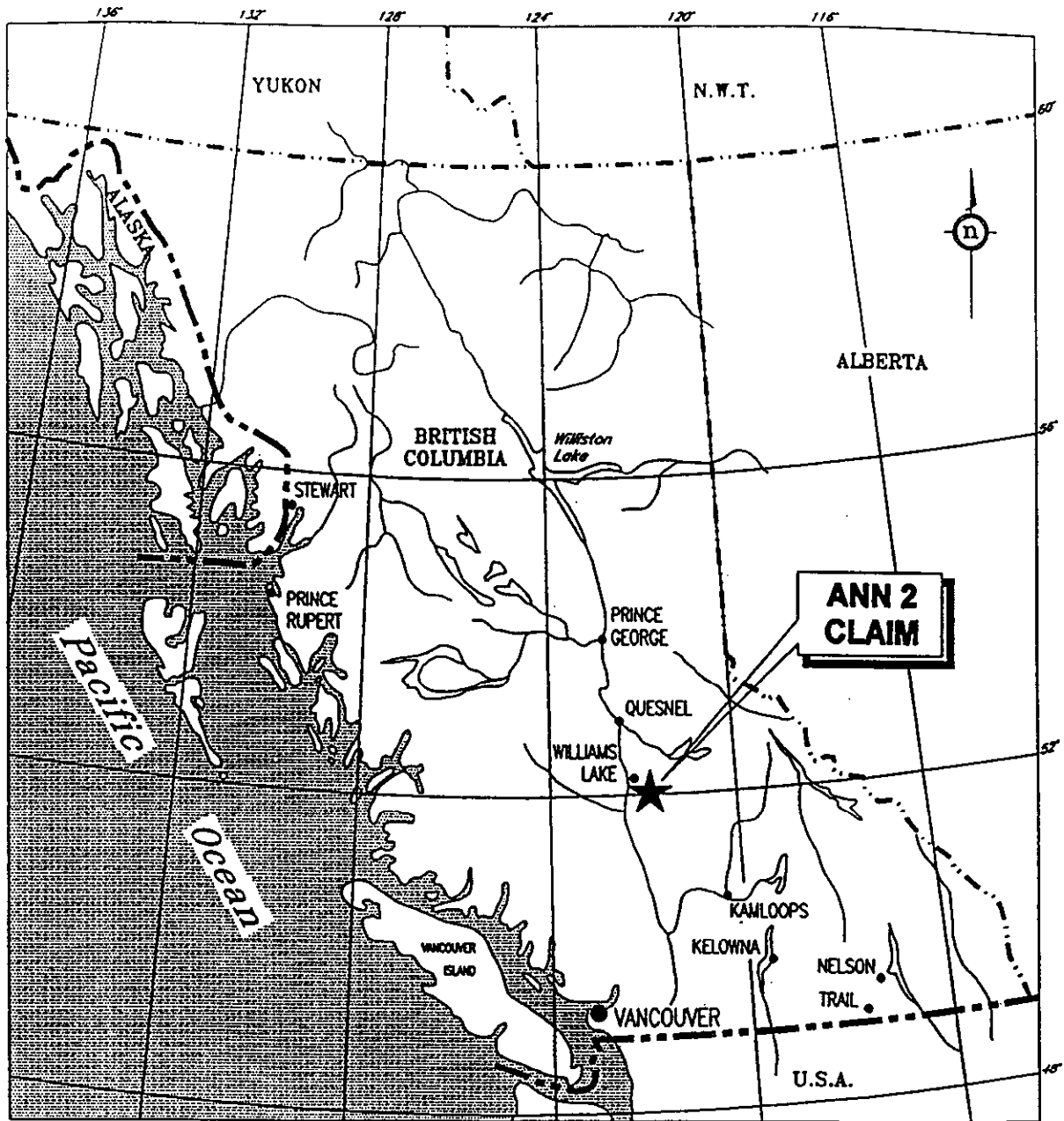
This report describes and evaluates seven diamond drill holes drilled on the Northeast-mag Zone between April 14 and July 17, 2003. The seven NQ angle holes (03-4 to 03-10 totaling 977.14 meters) were collared within 200 meters of each other and drilled along and across the magnetic anomaly to test for copper-gold mineralization. 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, 615250 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).

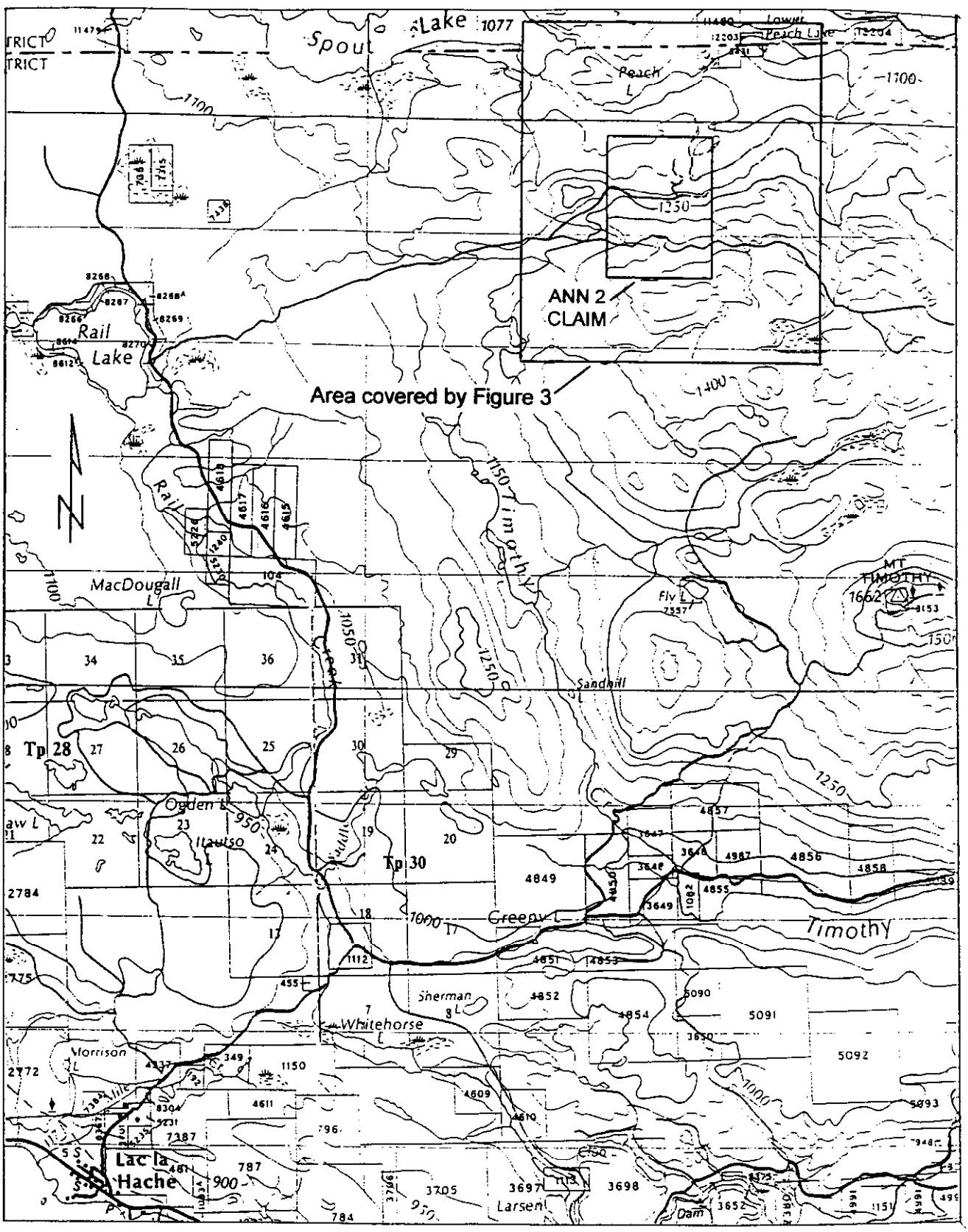
## **4. PHYSIOGRAPHY AND CLIMATE**

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 (Northeast-mag Zone Diamond-Drill Program)

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



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

LAC LA HACHE Map 92 P/NW

Scale 1:100,000

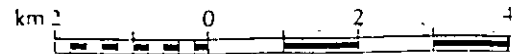
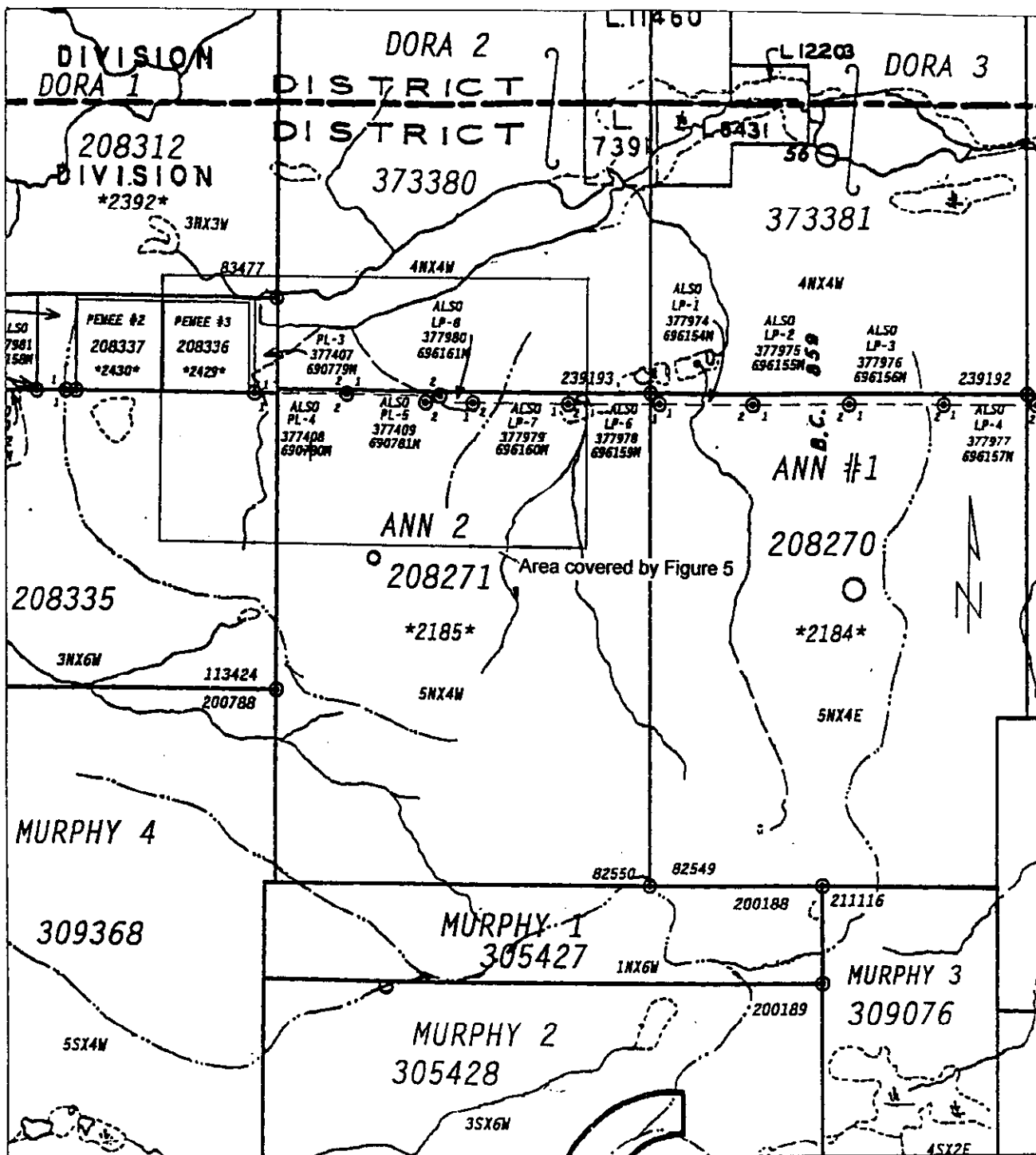


Figure 2: Regional location map of the ANN 2 mineral claim





Scale 1:31680



GWR Resources Inc. – ANN 2 Mineral Claim (Northeast-mag 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 Northeast-mag 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

**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 tufts 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 volcanics 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.

In 2002 and early 2003, GWR Resources Inc. carried out further diamond drilling in the northern half of the ANN 2 claim. Nine holes were drilled in 2002 and three holes (one on the adjacent DORA 2 claim) were drilled in 2003. Results again were reasonably encouraging with anomalous copper-gold intersections variously encountered in about 60% of the holes. The work is reported in an Assessment Report by G.E. Barker, December 2002 and in an AIF related Drilling Report by G.E. Barker, May 2003.

## **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.

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.

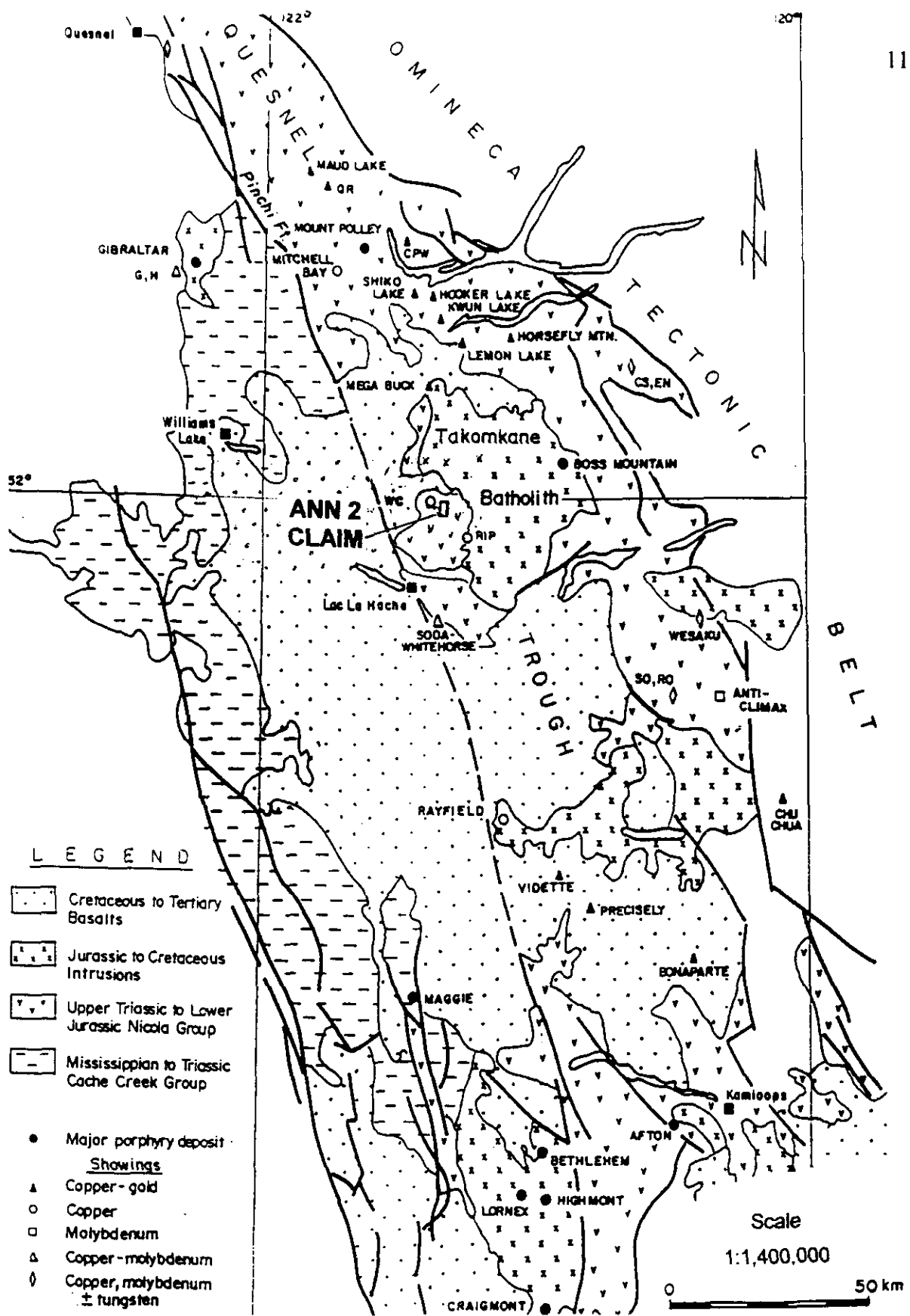
Mineral occurrences in the area include alkalic porphyritic copper-gold showings such as the Peach, Miracle, Tim and Ann North and the chalcopyrite-magnetite skarn developed in the contact aureole of a monzonite intrusion along the south shore of Spout Lake.

## **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 poikilitic 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 "Northeast-mag Zone" area and copper mineralization (chalcopyrite, malachite) is present in several showings. Drilling on the Northeast-mag Zone (holes 03-4 to 03-10) shows the immediate area is underlain by fine-grained, equigranular, variable porphyritic monzodiorite locally grading into aphanitic trachyandesite. Small feldspar-hornblende porphyritic dykes of andesitic to basaltic composition occasionally crosscut the major units. A rock-unit, tentatively identified as andesite crystal tuff was noted in the upper section of hole 03-10.



GWR Resources Inc. – ANN 2 Mineral Claim (Northast-mag Zone Diamond-Drill Program)  
 Map modified after GSC Map 1712A, CIMM Sp. Vol. 15, Map B, Saleken & Simpson, 1984

Figure 4: Regional geology map

## 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 Northeast-mag Zone suggests the southeast northwest and southwest-northeast striking joint sets described above remain 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 ( $60^{\circ}$  to  $70^{\circ}$ ) 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 propylitic 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 Northeast-mag Zone diamond drilling generally confirms the existence of the alteration package described above with the addition of variably increased magnetite (disseminated

and in veins) and a late phase carbonate (calcite) stock-work system that crosscuts all other alteration.

#### **8.4 Mineralization**

Copper-gold mineralization is generally 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, pyrrhotite 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**

The seven drill holes (03-4 to 03-10) were drilled by Al Harvey Diamond Drilling of Clinton, BC between April 14 and July 17, 2002. The drill core was transported to D. Fuller's private property in Lac La Hache, BC where it was logged (see Appendix B), cut and stored. Drill core selected for assaying, was shipped to Eco-Teck Laboratories in Kamloops, BC (see Appendix C).

Drill hole data is given in Table 2 and hole locations are shown on Figure 5.



HOLE NUMBER	LOCATION		ELEVATION meters	BEARING azimuth	DIP deg	LENGTH meters	CORE SIZE
	UTM grid (N)	UTM grid (E)					
03-4	5759525	615317	1146	117	-45	191.10	NQ
03-5	5759533	615156	1136	184	-45	201.16	NQ
03-6	5759533	615156	1136	004	-60	84.43	NQ
03-7	5759518	615248	1144	237	-45	145.38	NQ
03-8	5759333	615354	1163	050	-45	45.11	NQ
03-9	5759326	615253	1156	305	-50	121.91	NQ
03-10	5759157	615280	1165	060	-45	188.05	NQ
TOTAL						977.14	

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

**Table 2: Diamond-drill hole data**

## 9.1 Results

All the drill holes were drilled on or near a large "total field magnetic intensity" anomaly defined by 60,000 and 61,000 nT contours (see Figure 5). Holes were collared within 200 meters of each other and drilled along and across the magnetic anomaly to test for associated copper-gold mineralization. Hole 03-4 was drilled to the south and intersected copper-gold mineralization between 7 and 15 meters. Holes 03-5 and 03-6 were collared on the same site 155 meters west of 03-4 and drilled to the south (03-5) and to the north (03-6). Hole 03-5 intersected copper-gold mineralization between 26 and 41 meters and 60 and 69 meters. Hole 03-6 did not intersect any significant mineralization. Hole 03-7 was drilled about halfway between holes 03-4 and 03-5. It was drilled to the northeast and intersected copper-gold mineralization between 52 and 83 meters and 93 and 114 meters. Holes 03-8 and 03-9 were collared about 200 meters south of hole 03-4. The holes were collared about 100 meters apart along an east-west line. Hole 03-8 was drilled to the northeast and hole 03-9 was drilled to the northwest. No significant mineralization was seen in either hole. Hole 03-10 was collared about 200 meters south of hole 03-9. The hole intersected copper-gold mineralization between 99 and 108 meters and 111 and 120 meters. Geological modeling indicates the copper-gold mineralization occurs in several relatively narrow zones (about 15 - 25 m wide) that strike about 290° azimuth and dipping about 70° to the north (not definite). It also appears that gold grade increases across the anomaly from the northeast to southwest.

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

HOLE NUMBER	FROM meters	TO meters	LENGTH meters	COPPER %	GOLD g/t
03-4	7.3	15.0	7.7	0.24	0.11
03-5	26.0	41.0	15.0	0.27	0.30
	60.0	69.0	9.0	0.47	0.46
03-7	52.0	83.0	31.0	0.24	0.07
	93.0	114.0	21.0	0.28	0.12
03-10	99.0	108.0	9.0	0.57	0.36
	111.0	120.0	9.0	0.26	0.13

**Table 3: Diamond-drill hole significant grade intersections**

Diamond drilling indicates that at least two steep dipping sub-parallel mineralized systems occur in association with the targeted magnetic anomaly. The copper-gold mineralization is generally hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite. The mineralization occurs as fine-grained variously disseminated pyrite and chalcopyrite and as pyrite and chalcopyrite in veins and as blebs in K-feldspar-epidote alteration "patches". Chalcopyrite is also found in secondary magnetite veins. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration. There is some evidence to suggest that metal zoning (gold) occurs across the magnetic anomaly from northeast to southwest but more work is required to confirm and detail this.

## 10. STATEMENT OF EXPENDITURES

### Al Harvey Diamond Drilling, Clinton BC

Diamond drilling cost: \$48.95 per meter\* (Total meters drilled: 977.14) \$47,831.00

\*Drilling costs based on previous cost data supplied by GWR Resources Inc.

### Capstone Geological Services, 150 Mile House, BC

G.E. Barker: 29 days at \$325.00 per day (fieldwork and core logging)

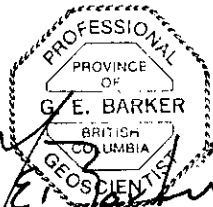
1668 kilometers at \$0.33 per kilometer (Travel costs)

All-inclusive fieldwork and core logging costs \$9,975.44

**Total** \$57,806.44

## 11. CONCLUSIONS AND RECOMMENDATIONS

- At least two relatively narrow and steep dipping sub-parallel copper-gold rich zones are associated with the drilled magnetic anomaly. The zones are about 15 - 25 m wide, strike about 290° azimuth and dipping about 70° to the north (not definite).
- Gold grade appears to increase across the magnetic anomaly from the northeast to southwest.
- The Copper-gold mineralization is hosted by a variably altered (propylitic and potassic) fine-grained monzodiorite to aphanitic trachyandesite.
- The mineralization occurs as fine-grained variably disseminated pyrite and chalcopyrite and as pyrite and chalcopyrite in veins and as blebs in K-feldspar-epidote alteration "patches". Chalcopyrite is also found in secondary magnetite veins. Pyrite occurs with both propylitic and potassic alteration, but chalcopyrite is more commonly associated with potassic alteration.
- The "Northeast-mag 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 (8 to 10 holes totaling about 1500 meters) be drilled to further test the extent of the modeled copper-gold zones. Drilling should be done in 3 or 4 "fence lines" across the magnetic anomaly. Angle holes should be drilled about 70 meters apart (integrating existing holes where possible) and drilled to the southwest at -45 degrees.



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

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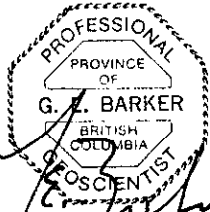
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## Appendix A: Statement of Qualifications

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 37 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: ANN 2 claim (NE mag zone)	BEARING: 177 Az	LATITUDE (N): UTM grid 5759525 N*	CORE SIZE: NQ	REMARKS: Drilled to test magnetic anomaly. Collared on same site as hole 03-3.
DATE COLLARED: April 14, 2003	DIP: -45	LONGITUDE (E): UTM grid 615317 E*	LOGGED BY: G. E. Barker	
DATE COMPLETED: April 29, 2003	LENGTH: 191.10 m	ELEVATION: 1146 m*	DATE: May 1, 2003	

\*values from chain-compass survey & topo map

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)							MINERALIZATION			SAMPLE DATA					
From	to			Intensity score: 0(none) to 5(strong)							Estimated %			Interval (m)		Sample Number	Assays		
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to		Cu %	Au g/t	
0	7.31	Casing	Overburden, not recovered																
7.31	191.10	MzDr	<p><b>Lithology:</b> Monzodiorite? Light to dark grey, fine to medium grained, generally equigranular. Mafics: fine-grained biotite (4 -8%) and minor hornblend with moderate fine-grained, diss magnetite (3 - 6%). See remarks for minor variations in general discription.</p> <p><b>Alteration:</b> Weak to moderate propylitic altn (chl-epi-carb-py), variable as streaks, patches and veins throughout hole. Moderate to strong zones of potassic alteration (mainly orange Kf), variable (see remarks). Weak limonite on fractures 7.31 to 11.4 meters, Weak to moderate late-phase carbonate veins (&lt;1 to 3 mm) variable throughout the hole.</p> <p><b>Mineralization:</b> Moderate sulphides (1 - 2%) as pyrite and chalcopyrite, f-g disseminated and in veins and as blebs from start of hole to about 15 m. Trace to weak sulphide, mainly as pyrite, variable in remainder of the hole.</p> <p><b>Core Quality:</b> Zones of broken rock (brx &lt;5 cm) &amp; gouge (gg) noted below.</p> <p>7.31 - 10.0 : 90% brx, rubbly, gg washed out?, Rec 35 - 40 %</p> <p>17.0 - 24.9 : 80% brx, Rec 97 - 98 %</p> <p>35.7 - 39.0 : 70% brx, minor gg, (10 cm solid gg at 37.3 m) Rec 97 to 98%.</p> <p>42.3 - 44.8 : 80% brx, Rec 97 - 98 %</p> <p>57.4 - 60.8 : 70% brx, Rec 97 - 98 %</p> <p>79.5 - 88.2 : core is crushed and broken, some sand and minor gg, core healed with carbonate between 81.8 and 86.1, Rec 95 - 97 %</p> <p>95.4 - 100.5 : 80% brx, Rec 97 - 98 %</p> <p>111.8 - 115.9 : 70% brx, Rec 97 - 98 %</p> <p>123.8 - 124.3 : 100% brx, minor gg, Rec 96 - 97 %</p> <p>125.1 - 125.2: solid gg</p> <p>131.0 - 134.0 : 70% brx, Rec 97 - 98 %</p> <p>138.5 - 139.3 : 90% brx, Rec 97 - 98 %</p> <p>164.0 - 166.1 : 100% brx, Rec 96 - 97 %</p> <p>173.3 - EOH : 70% brx, Rec 97 - 98 %</p> <p>Remainder of zone: Core is competent, Rec 99 - 100 %</p> <p><b>Remarks:</b> Miscellaneous details noted below.</p> <p>16.9 - 38.0: orange Kf flooded zone.</p> <p>56.4 - 60.4: strong increase in epi as 5 -10 cm patches and in viens.</p> <p>81.8 - 86.1: fault beccia healed with carbonate.</p> <p>84.5 - 92.3: increase in Kf and epi.</p> <p>116.3 - 122.2: increase in Kf and epi.</p> <p>129.5 - 135.3: increase in Kf and epi.</p>	2-4	1-2	0-1	0-1	1-2	0-1	(lim) 0-1	0.2	0.1	-	7.31	12.0	15535	0.31	0.14	
													12.0	15.0	15536	0.14	0.07		
													15.0	18.0	15537	0.06	0.06		
													27.0	30.0	15538	<0.01	<0.03		
													39.0	42.0	15539	<0.01	<0.03		
													51.0	54.0	15540	<0.01	<0.03		
													63.0	66.0	15541	<0.01	<0.03		
													75.0	78.0	15542	<0.01	<0.03		
													87.0	90.0	15543	<0.01	<0.03		
													99.0	102.0	15544	0.06	0.07		
													111.0	115.0	15545	0.07	0.14		
													124.0	127.0	15546	0.11	0.13		
													136.0	139.0	15547	0.03	0.05		
													148.0	151.0	15548	0.02	0.04		
													163.0	166.0	15549	0.01	0.04		
													176.0	179.0	15550	0.02	0.05		
													188.0	191.1	15551	0.02	0.05		
191.10			END OF HOLE																

LOCATION: ANN 2 claim (NE mag zone)	BEARING: 184 Az	LATITUDE (N): UTM grid 5759533*	CORE SIZE: NQ	REMARKS: Located to test
DATE COLLARED: May 1, 2003	DIP: -45	LONGITUDE (E): UTM grid 615156*	LOGGED BY: G. E. Barker	strong magnetic anomaly and
DATE COMPLETED: May 12, 2003	LENGTH: 201.16 m	ELEVATION: 1136 m*	DATE: May 6, 2003	surface showings.

\*values from chain-compass survey & topo map

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)							MINERALIZATION			SAMPLE DATA				
From	to			Intensity score: 0(none) to 5(strong)							Estimated %			Interval (m)		Sample	Assays	
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
0	10.67	Casing	Overburden, not recovered															
10.67	201.16	TrAnd?	<p><u>Lithology:</u> Trachyandesite? Light to moderate grey, fine-grained (f-g) to aphanitic. Unit is uniform in texture throughout hole. 3-5% f-g diss mag.</p> <p><u>Alteration:</u> Weak to moderate potassic-propylitic alteration throughout. (Kf-epi-magnetite as streaks and patches). Minor late-stage carbonate veins (&lt;1 mm) cut all other alteration gen at 10 -20 to c.a. Weak lim to 14.4.</p> <p><u>Mineralization:</u> Moderate to strong f-g pyrite +/- Chalcopyrite variable down to about 100 m.</p> <p><u>Core Quality:</u> Zones of broken rock (brx&lt;5cm) &amp; gouge (gg) noted below.</p> <p>26.0 - 32.0 : 70% brx, Rec 97 - 98 %</p> <p>34.4 - 45.0 : 85% brx, minor gg, Rec 96 - 97 %</p> <p>61.2 - 63.3 : 88% brx, Rec 97 - 98 %</p> <p>92.8 - 93.8 : 80% brx, minor gg, Rec 96 - 97 %</p> <p>112.9 - 113.8 : 90% brx, minor gg, Rec 96 - 97 %</p> <p>152.3 - 152.8 : 95% brx, minor gg, Rec 96 - 97 %</p> <p>178.0 - 182.5 : 85% brx, gg washed out?, Rec 70 - 75 %</p> <p>184.3 - 187.0 : 60% brx, Rec 95 - 96 %</p> <p>193.5 - 195.0 : 70% brx, Rec 96 - 97 %</p> <p>199.0 - 201.16 : 90% brx, Rec 96 - 97 %</p> <p>Remainder of zone competent, Rec 99 - 100 %</p> <p><u>Remarks:</u> Miscellaneous details over length of hole noted below.</p> <p>33.4 - 46.3: Mod increase in Kf-epi-chl-mag as streaks, patches and veins.</p> <p>39.8: Good cpy in magnetite, minor MoS<sub>2</sub> ?.</p> <p>57.0 - 69.0: Mod to str increase in org Kf-epi as streaks, patches and veins.</p> <p>57.0 - 69.0: Mod to str increase in org Kf-epi as streaks, patches and veins.</p> <p>69.2 - 160.2: Possible f-g mzdr, altered as before. Note: 2-3% sulphides from 10.67 to 70 m, 1-2% from 70 to 108 m, 0.5-1.5% from 108m to EOH.</p> <p>Variable good cpy to about 100 m, mainly pyrite from 100 m to EOH.</p> <p>Minor cpy seen with mag at 175.0 - 176.5 and 189.0 - 191.0</p> <p>160.2 - 174.0: Increase in org K-f-epi, several 10 to 30 cm K-f flooded zones.</p> <p>174.0 - 201.6: Decrease in org K-f, patchy pyrite (pyr?) with dark green-black chlorite near EOH.</p>	2-3	2	2	0-1	1	2	-	2.0	1.0	-	10.67	14.0	15552	0.04	0.07
														14.0	17.0	15553	0.03	0.04
														17.0	20.0	15554	0.03	0.05
														20.0	23.0	15555	0.09	0.09
														23.0	26.0	15556	0.06	0.09
														26.0	29.0	15557	0.29	0.25
														29.0	32.0	15558	0.15	0.11
														32.0	35.0	15559	0.10	0.08
														35.0	38.0	15560	0.46	0.95
														38.0	41.0	15561	0.35	0.11
														41.0	45.0	15562	0.10	0.07
														45.0	48.0	15563	0.04	<0.03
														48.0	51.0	15564	0.06	0.05
														51.0	54.0	15565	0.02	0.03
														54.0	57.0	15566	0.09	0.06
														57.0	60.0	15567	0.10	0.04
														60.0	63.0	15568	0.35	0.26
														63.0	66.0	15569	0.76	0.81
														66.0	69.0	15570	0.30	0.32
														69.0	72.0	15571	0.04	<0.03
														72.0	75.0	15572	0.04	0.04
														75.0	78.0	15573	0.14	0.11
														78.0	81.0	15574	0.08	0.06
														81.0	84.0	15575	0.11	0.06
														84.0	87.0	15576	0.23	0.10
														87.0	90.0	15577	0.07	0.07
														90.0	93.0	15578	0.06	0.08
														93.0	96.0	15579	0.08	0.06
														96.0	99.0	15580	0.03	0.03
														99.0	102.0	15581	0.04	0.05
														102.0	105.0	15582	0.02	0.04
														105.0	108.0	15583	0.02	0.03
														108.0	111.0	15584	0.02	<0.03
														111.0	114.0	15585	0.01	<0.03
														114.0	117.0	15586	0.02	0.03
														117.0	120.0	15587	0.02	<0.03
														120.0	123.0	15588	0.02	0.03
														123.0	126.0	15589	0.04	<0.03
														126.0	129.0	15590	0.04	0.05



DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)							MINERALIZATION			SAMPLE DATA				
From	to			Intensity score: 0(none) to 5(strong)							Estimated %			Interval (m)		Sample Number	Assays	
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to		Cu %	Au g/t
														129.0	132.0	15591	0.05	0.03
														132.0	136.0	15592	0.02	<0.03
														136.0	139.0	15593		
														139.0	142.0	15594		
														142.0	145.0	15595		
														145.0	148.0	15596		
														148.0	151.0	15597		
														151.0	154.0	15598		
														154.0	157.0	15599		
														157.0	160.0	15600		sample zones
														160.0	163.0	15601		tagged for assaying
														163.0	166.0	15602		as shown:
														166.0	169.0	15611		no assays recld
														169.0	172.0	15612		
														172.0	175.0	15613		
														175.0	178.0	15614		
														178.0	182.0	15615		
														182.0	185.0	15616		
														185.0	188.0	15617		
														188.0	191.0	15618		
														191.0	194.0	15619		
														194.0	197.0	15620		
														197.0	201.2	15621		
201.16			END OF HOLE															

*M/513*

LOCATION: ANN 2 claim (NE mag zone)	BEARING: 004 Az	LATITUDE (N): UTM grid 5759533*	CORE SIZE: NQ	REMARKS: Drilled to test magnetic anomaly. Collared on same site as hole 03-5. Hole cut short by driller.
DATE COLLARED: May 14, 2003	DIP: -60	LONGITUDE (E): UTM grid 615156*	LOGGED BY: G. E. Barker	
DATE COMPLETED: May 21, 2003	LENGTH: 84.43 m	ELEVATION: 1138 m*	Date: May 22, 2003	

\*values from chain-compass survey & topo map

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)						MINERALIZATION			SAMPLE DATA					
From	to			Intensity score: 0(none) to 5(strong)						Estimated %			Interval (m)		Sample	Assays		
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to	Number	Cu %	Au g/t
0	7.31	Casing	Overburden, not recovered															
7.31	84.4	TrAnd?	<p><u>Lithology:</u> Trachyandesite - monzodiorite? Light to dark grey-green, fine-grained (f-g) equigrainular. Unit is similar to rock in hole 03-5 but slightly coarser. Weak to mod (2-4%) f-g diss mag.</p> <p><u>Alteration:</u> Weak to moderate potassic-propylitic alteration throughout. (Kf-epi-minor magnetite as streaks and patches). Moderate late-stage carbonate veins (&lt;1-2 mm) cut all other alteration. Strong variable carb stwk in places (see remarks). Weak lim on fractures 7.3 to 11.0.</p> <p><u>Mineralization:</u> Weak to moderate (0.5 -2.0%) sulphides throughout mainly f-g pyrite, only minor cpy seen.</p> <p><u>Core Quality:</u> Zones of broken rock (brx&lt;5cm) &amp; gouge (gg) noted below.                      7.31 - 8.5 : 100% brx, gg washed out? Rec 45 - 50%                      29.8 - 31.2 : 90% brx, Rec 97 - 98 %                      46.2 - 50.3 : 85% brx, Rec 97 - 98 %                      53.5 - 57.0 : 80% brx, Rec 98 - 99 %                      74.2 - 78.4 : 90% brx, Rec 97 - 98 %                      Remainder of zone competent, Rec 99 - 100 %</p> <p><u>Remarks:</u> Miscellaneous details over length of hole noted below.                      14.9 - 17.8: Strong carb stwk.                      37.1 - 50.8: Slight increase in org Kf-epi as streaks and patches.                      58.5 - 66.7: Strong carb stwk.                      79.0 - 80.0: Minor hem in viens (&lt;1mm)                      78.5 - EOH: Strong carb stwk.                      82.4 - EOH: Moderate increase in org Kf-epi as streaks and patches.</p>	1-2	1-2	1	0-1	2	1	(lim) 1	1.5	0.1	-	11.0	14.0	15603		
												20.0	23.0	15604				
												29.0	32.0	15605	intermittent sample zones tagged for assaying as shown: no assays recived			
												38.0	41.0	15606				
												47.0	50.0	15607				
												57.0	60.0	15608				
												66.0	69.0	15609				
												75.0	78.0	15610				
84.43			END OF HOLE															



DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)							MINERALIZATION			SAMPLE DATA				
From	to			Intensity score: 0(none) to 5(strong)							Estimated %			Interval (m)		Sample Number	Assays	
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to		Cu %	Au g/t
														127.0	130.0	15661		
														130.0	133.0	15662	sample zones	
														133.0	136.0	15663	tagged for assaying	
														136.0	139.0	15664	as shown:	
														139.0	142.0	15665	no assays received	
														142.0	145.38	15666		
	145.38		END OF HOLE															

*M/E 13*

LOCATION: ANN 2 claim (NE mag zone)	BEARING: 050 Az	LATITUDE (N): UTM grid 5759333*	CORE SIZE: NQ	REMARKS: Located to test strong magnetic anomaly. Hole stopped short by driller.
DATE COLLARED: June 3, 2003	DIP: -45	LONGITUDE (E): UTM grid 615354*	LOGGED BY: G. E. Barker	
DATE COMPLETED: June 9, 2003	LENGTH: 45.11 m	ELEVATION: 1163 m*	DATE: June 6, 2003	

\*values estimated from chain-compass survey & topo map

DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals) intensity score: 0(none) to 5(strong)							MINERALIZATION			SAMPLE DATA					
From	to			Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	Interval (m)		Sample Number	Assays		
														from	to		Cu %	Au g/t	
0	7.01	Casing	Overburden, not recovered																
7.01	45.1	MzDr	<p><b>Lithology:</b> Monzodiorite-monzonite? Light to moderate grey, fine grained</p> <p><b>Mafics:</b> Minor fine-grained biotite and hornblend, variable with moderate fine-grained, diss magnetite (2 - 4%).</p> <p><b>Alteration:</b> Moderate potassic-propylitic altn (orange Kf-epi-carb), variable as streaks, patches and veins throughout hole.</p> <p>Strong lim on fractures 7.01 to 14.2, mod to wk lim on fractures 14.2 - 44.2 m.</p> <p>Minor late-phase carbonate veins (&lt;1 mm) variable throughout the hole</p> <p><b>Mineralization:</b> Weak sulphides (&lt;0.5%) mainly as pyrite. Minor bleb of chalcopyrite with epi at 16.9 m.</p> <p><b>Core Quality:</b> Zones of broken rock (brx &lt;5 cm) &amp; gouge (gg) noted below.</p> <p>7.01 - 10.5 : 90% brx, rubbly, Rec 40 - 50 %</p> <p>22.6 - 23.2 : 90% brx, mod gg, Rec 75 - 80 %</p> <p>32.4 - 35.6 : 100% brx, mod - stg gg, Rec 80 - 85 %</p> <p>37.0 - 39.9 : 70% brx, Rec 97 - 98 %</p> <p>44.4 - 45.11(EOH) : 90% brx, Rec 96 - 97 %</p> <p>Remainder of zone: Core is competent, Rec 99 - 100 %</p> <p><b>Remarks:</b> Miscellaneous details through out hole noted below.</p> <p>23.7 - 24.2: Minor zone of fault bx, dark grey-bik angular clasts in f-g grey matrix.</p> <p>36.0 - 36.2: Stringers of secondary magnetite 2 mm to 1 cm wide.</p> <p>34.7 - 35.8: Quartz-carb viens with hem., parallel to c.a.</p> <p>37.9 - 39.4: Increase in orange Kf as streaks.</p> <p>42.1 - 42.2: 20 cm basalt? Dyke, porphyritic, plag phenos?</p> <p>44.5-EOH: Moderate increase in chlorite with minor sericite.</p>	1-2	1-2	1	0-1	0-1	1-2	(lim) 2 (hem) 1	<0.5	<0.1							
													11.0	15.0	15667				
													21.0	24.0	15668	Intermittent sample zones tagged for assaying as shown:			
													30.0	33.0	15869	no assays recived			
													42.0	45.11	15670				
45.11			END OF HOLE																



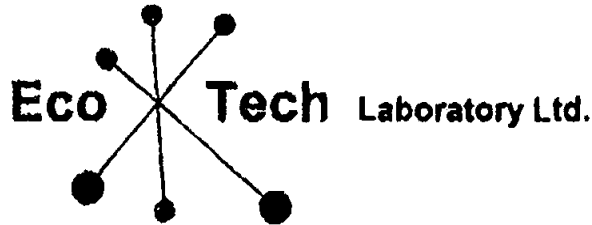


DEPTH (m)		ROCK CODE	DESCRIPTION	ALTERATION (Secondary minerals)							MINERALIZATION			SAMPLE DATA				
From	to			Intensity score: 0(none) to 5(strong)							Estimated %			Interval (m)		Sample Number	Assays	
				Kf	epi	chl	ser	carb	mag	(?)	py	cp	(?)	from	to		Cu %	Au g/t
														154.0	157.0	15721	0.02	<0.03
														157.0	160.0	15722	0.02	0.03
														160.0	163.0	15723	0.03	0.05
														163.0	166.0	15724	0.08	0.15
														166.0	169.0	15725	0.02	0.03
														169.0	172.0	15726	0.02	<0.03
														172.0	176.0	15727	0.02	<0.03
														176.0	179.0	15728	0.01	<0.03
														179.0	182.0	15729	0.03	<0.03
														182.0	185.0	15730	0.03	0.08
														185.0	188.05	15731	0.07	0.46
188.05			END OF HOLE															

*M/913*



**Appendix C: Diamond Drill Hole Assay Certificates**



ASSAYING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kernloops, BC V2C 6T4  
Phone (250) 573-5700 Fax (260) 573-4557  
E-mail: info@ecotechlab.com  
www.ecotechlab.com

**CERTIFICATE OF ASSAY AK 2003-125**

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

9-May-03

ATTENTION: Irvine Eisler

No. of samples received: 10  
Sample Type: Core  
Samples submitted by: GWR

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	15535	0.14	0.004	0.31
2	15536	0.07	0.002	0.14
3	15537	0.06	0.002	0.08
4	15538	<0.03	<0.001	<0.01
5	15539	<0.03	<0.001	<0.01
6	15540	<0.03	<0.001	<0.01
7	15541	<0.03	<0.001	<0.01
8	15542	<0.03	<0.001	<0.01
9	15543	<0.03	<0.001	<0.01
10	15544	0.07	0.002	0.06

**QC DATA:**

**Resplit:**

1	15535	0.14	0.004	0.29
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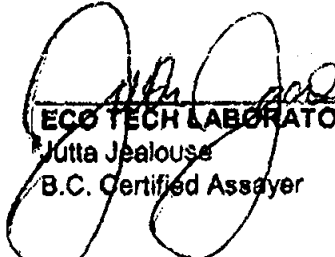
**Repeat:**

1	15535	0.16	0.005	0.31
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**Standard:**

CU106				1.44
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JJ/kk  
XLS/03  
Fax GWR - 250-546-3835  
CC: Scott Berky Fax - 250-457-8710

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



GWR RESOURCES INC. AK3-153

30-May-03

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
27	15571	<0.03	<0.001	0.04
28	15572	0.04	0.001	0.04
29	15573	0.11	0.003	0.14
30	15574	0.06	0.002	0.08
31	15575	0.06	0.002	0.11
32	15576	0.10	0.003	0.23
33	15577	0.07	0.002	0.07
34	15578	0.08	0.002	0.08
35	15579	0.06	0.002	0.08
36	15580	0.03	0.001	0.03
37	15581	0.05	0.001	0.04
38	15582	0.04	0.001	0.02
39	15583	0.03	0.001	0.02
40	15584	<0.03	<0.001	0.02
41	15585	<0.03	<0.001	0.01
42	15586	0.03	0.001	0.02
43	15587	<0.03	<0.001	0.02
44	15588	0.03	0.001	0.02
45	15589	<0.03	<0.001	0.04
46	15590	0.05	0.001	0.04
47	15591	0.03	0.001	0.05
48	15592	<0.03	<0.001	0.02

QC DATA:

**Resplit:**

1	15545	0.12	0.003	0.07
36	15580	0.03	0.001	0.03

**Repeat:**

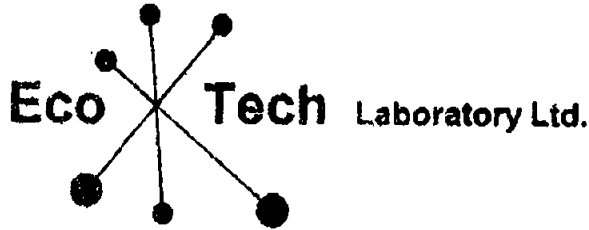
1	15545	0.13	0.004	0.07
10	15554	0.04	0.001	0.03
19	15563	<0.03	<0.001	0.04
36	15580	0.03	0.001	0.03

**Standard:**

PM168	2.06	0.060	
PM168	2.06	0.060	
CU106			1.44
CU108			1.44

JJ/kk  
 XLS/03  
 Fax GWR - 250-546-3035  
 CC: Scott Berkley Fax - 250-457-6710

*per Jutta Jealous*  
**ECO TECH LABORATORY LTD.**  
 Jutta Jealous  
 B.C. Certified Assayer



ASSAYING  
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 ANALYTICAL CHEMISTRY  
 ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4  
 Phone (250) 573-5700 Fax (250) 573-4567  
 E-mail: info@ecotechlab.com  
 www.ecotechlab.com

**CERTIFICATE OF ANALYSIS AK 2003-125**

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

9-May-03

**ATTENTION: Irvine Eisler**

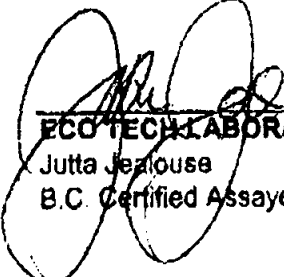
*No. of samples received: 10*  
*Sample Type: Core*  
*Samples submitted by: GWR*

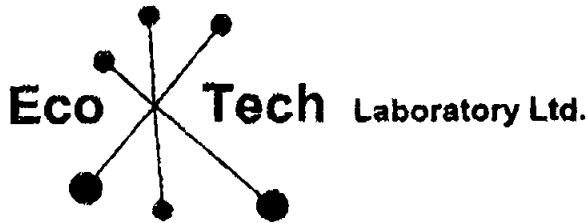
ET #.	Tag #	Ag (ppm)
1	15535	0.5
2	15536	0.3
3	15537	0.2
4	15538	<0.1
5	15539	<0.1
6	15540	<0.1
7	15541	<0.1
8	15542	<0.1
9	15543	<0.1
10	15544	0.1

**QC DATA:**

<b>Resplit:</b>		
1	15535	0.4
<b>Repeat:</b>		
1	15535	0.5
<b>Standard:</b>		
GEO'03		1.5

JJ/kk  
 XLS/03  
 Fax GWR - 250-546-3835  
 CC: Scott Berky Fax - 250-457-8710

  
**ECO TECH LABORATORY LTD.**  
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Phone (250) 573-5700 Fax (250) 573-4557

E-mail: info@ecotechlab.com

www.ecotechlab.com

## CERTIFICATE OF ASSAY AK 2003-167

**GWR RESOURCES INC.**

Box 545  
Armstrong, BC  
VOE 1B0

6-Jun-03

**ATTENTION: Irvine Eisler**

*No. of samples received: 37*

*Sample type: Core*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	15622	0.11	0.003	0.41
2	15623	0.04	0.001	0.06
3	15624	0.04	0.001	0.06
4	15625	0.05	0.001	0.06
5	15626	0.06	0.002	0.07
6	15627	0.03	0.001	0.07
7	15628	0.05	0.001	0.07
8	15629	0.05	0.001	0.11
9	15630	0.07	0.002	0.14
10	15631	0.08	0.002	0.41
11	15632	0.04	0.001	0.07
12	15633	0.04	0.001	0.12
13	15634	0.06	0.002	0.14
14	15635	0.06	0.002	0.28
15	15636	<0.03	<0.001	0.05
16	15637	0.06	0.002	0.26
17	15638	0.05	0.001	0.21
18	15639	0.07	0.002	0.29
19	15640	0.05	0.001	0.12
20	15641	0.07	0.002	0.20
21	15642	0.11	0.003	0.31
22	15643	0.10	0.003	0.22
23	15644	0.05	0.001	0.13
24	15645	0.11	0.003	0.36
25	15646	0.07	0.002	0.25

**ECO TECH LABORATORY LTD.**

Irvine Eisler  
B.C. Certified Assayer

B.C. Certified Assayer

JUN-06-03 FRI 17:22 BERKEY BROTHERS

457 6710

BWR RESOURCES INC. AK3-167

6-Jun-03

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
26	15647	0.03	0.001	0.05
27	15648	0.03	0.001	0.06
28	15649	0.04	0.001	0.10
29	15650	0.14	0.004	0.26
30	15651	0.33	0.010	0.51
31	15652	0.08	0.002	0.19
32	15653	0.04	0.001	0.09
33	15654	0.11	0.003	0.37
34	15655	0.06	0.002	0.14
35	15656	0.11	0.003	0.41
36	15657	0.06	0.002	0.07
37	15658	0.08	0.002	0.08

QC DATA:

**Resplit:**

1	15622	0.10	0.003	0.40
36	15657	0.06	0.002	0.07

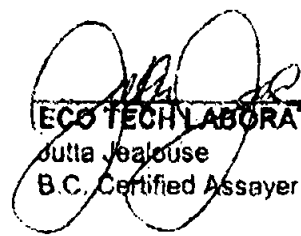
**Repeat:**

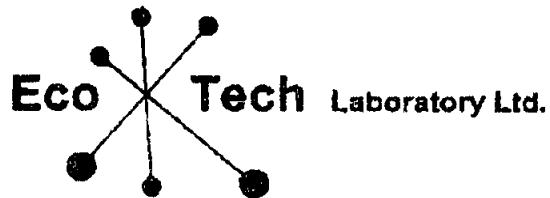
1	15622	0.10	0.003	0.41
10	15631	0.08	0.002	0.40
19	15640	0.04	0.001	0.11
36	15657	0.07	0.002	

**Standard:**

CU106				1.44
CU106				1.44
PM168	2.08	0.061		

IJ/kk  
 XLS/03  
 Fax GWR - 250-548-3635  
 CC: Scott Berky Fax - 250-457-6710

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



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ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4  
Phone (250) 573-5700 Fax (250) 573-4557

E-mail: info@ecotechlab.com  
www.ecotechlab.com

## CERTIFICATE OF ASSAY AK 2003-291

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

14-Aug-03

ATTENTION: Irvine Eisler

No. of samples received: 37  
Sample Type: Core

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	15695	<0.03	<0.001	0.08
2	15696	<0.03	<0.001	0.05
3	15697	0.03	0.001	0.07
4	15698	0.08	0.002	0.80
5	15699	<0.03	<0.001	0.08
6	15700 90.0-93.0	0.03	0.001	0.02
7	15701	0.03	0.001	0.04
8	15702	<0.03	<0.001	0.03
9	15703	0.05	0.001	0.22
10	15704	0.89	0.026	1.10
11	15705	0.15	0.004	0.40
12	15706	<0.03	<0.001	0.04
13	15707	0.11	0.003	0.19
14	15708	0.17	0.005	0.28
15	15709	0.10	0.003	0.31
16	15710	<0.03	<0.001	0.01
17	15711	<0.03	<0.001	0.02
18	15712	0.14	0.004	0.23
19	15713	<0.03	<0.001	0.02
20	15714	<0.03	<0.001	0.02
21	15715	0.07	0.002	0.23
22	15716	0.04	0.001	0.05
23	15717	<0.03	<0.001	0.02
24	15718	<0.03	<0.001	0.03
25	15719	0.08	0.002	0.01
26	15720	<0.03	<0.001	0.03
27	15721	<0.03	<0.001	0.02
28	15722	0.03	0.001	0.02

  
**ECO TECH LABORATORY LTD.**  
 Jutta Jesiouse  
 B.C. Certified Assayer



## GWR RESOURCES INC. AK3-291

14-Aug-03

ET #	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
29	15723	0.05	0.001	0.03
30	15724	0.15	0.004	0.08
31	15725	0.03	0.001	0.02
32	15726	<0.03	<0.001	0.02
33	15727	<0.03	<0.001	0.02
34	15728	<0.03	<0.001	0.01
35	15729	<0.03	<0.001	0.03
36	15730	0.08	0.002	0.03
37	15731	0.46	0.013	0.07

QC DATA:Resplit:

1	15695	<0.03	<0.001	0.09
36	15730	0.11	0.003	0.03

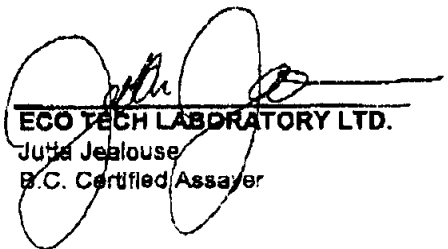
Repeat:

1	15695	<0.03	<0.001	0.08
10	15704	0.91	0.027	1.09
19	15713	<0.03	<0.001	0.02
36	15730	0.14	0.004	0.02

Standard:

PM164	3.21	0.094	
PM164	3.20	0.093	
CU106			1.42
CU106			1.42

JJ/kk  
 XLS/03  
 Fax GWR - 250-546-3635  
 CC: Scott Berky Fax - 250-457-6710

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

GWR RESOURCES INC. AK3-291

13-Aug-03

ET #	Tag #	Ag (ppm)
31	15725	0.2
32	15726	<0.2
33	15727	<0.2
34	15728	<0.2
35	15729	<0.2
36	15730	<0.2
37	15731	0.2

**QC DATA:****Resplit:**

1	15696	0.2
36	15730	<0.2

**Repeat:**

1	15695	<0.2
10	15704	3.0
19	15713	<0.2
36	15730	<0.2

**Standard:**

GEO'03	1.6
GEO'03	1.6

JJ/kk  
XLS/03  
Fax GWR - 250-548-3636  
CC Scott Berky Fax - 250-457-8710

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

