GOLDEN HARKER EXPLORATIONS LIMITED

2005 - SUMMARY OF GEOPHYSICS AND DRILLING

ON THE HARKER PROPERTY, NE ONTARIO





1.0 SUMMARY

Gold was discovered on the Golden Harker property in 1923, and in 1925 the first shaft sinking and underground exploration/development was initiated. Since 1925, several exploration programs have been directed at the property. Lenora Explorations completed the most recent exploration program in 1988, when they committed over 5 million dollars on surface and underground development, to upgrade confidence in a previous existing historical gold resource.

In 2004, all available previous exploration data was reviewed, and exploration was reactivated. A control grid was fist established over the mine horizon and its east and west extensions. In early 2005, an integrated ground geophysical program (VLF, pole-dipole IP and magnetometer survey) was completed over the newly established grid. Several priority geophysical targets were delineated for follow-up evaluation.

Also in early 2005, diamond drill hole GH05-01 (149 metres depth) was completed on the west-central sector of the property. The hole targeted what geophysically appeared a possible west extension of the Main Golden Harker mine horizon, 100 metres west of any previous drilling. The target horizon was intersected and returned assays of up to 3.4 grams gold/tonne over a one- metre core length. Ground geophysics suggests the host-rock formation continues westward across the property, and this will be a priority target for follow-up drilling.

Additional geophysical anomalies have been identified in two priority areas located along the projected east extension of the main mine horizon.

A summer field examination is planned to locate old recorded surface gold showings on the new control grid, and to field check all high priority targets, in preparation for followup diamond drilling.

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(3.0) INTRODUCTION AND TERMS OF REFERENCE

This report summarizes the exploration program completed, in the first quarter of 2005, on the Golden Harker Property owned 100% by Golden Harker Explorations Limited.

Fifty (50) line kilometers of grid was established over the property in the 4th Quarter of 2004. The start point of the base line for the control grid was located at the Number 1 shaft, and oriented at azimuth 52°, along the projected trace of the "Golden Harker Main Gold Zone". Cross lines were routinely established along the base line at 125 metre intervals. In the western portion of the property, lines were spaced at 62.5 metres immediately east and west of the area of previous underground development and detail surface drilling.

In early 2005, a combined ground magnetometer survey, and accompanying VLF-EM survey, was completed over all established grid, and a pole-dipole IP survey was completed over areas of closely spaced grid lines.

In February of 2005, drill hole GH05-01 was completed on the western extension of the Golden Harker Main Gold Zone.

The author supervised the current exploration program.

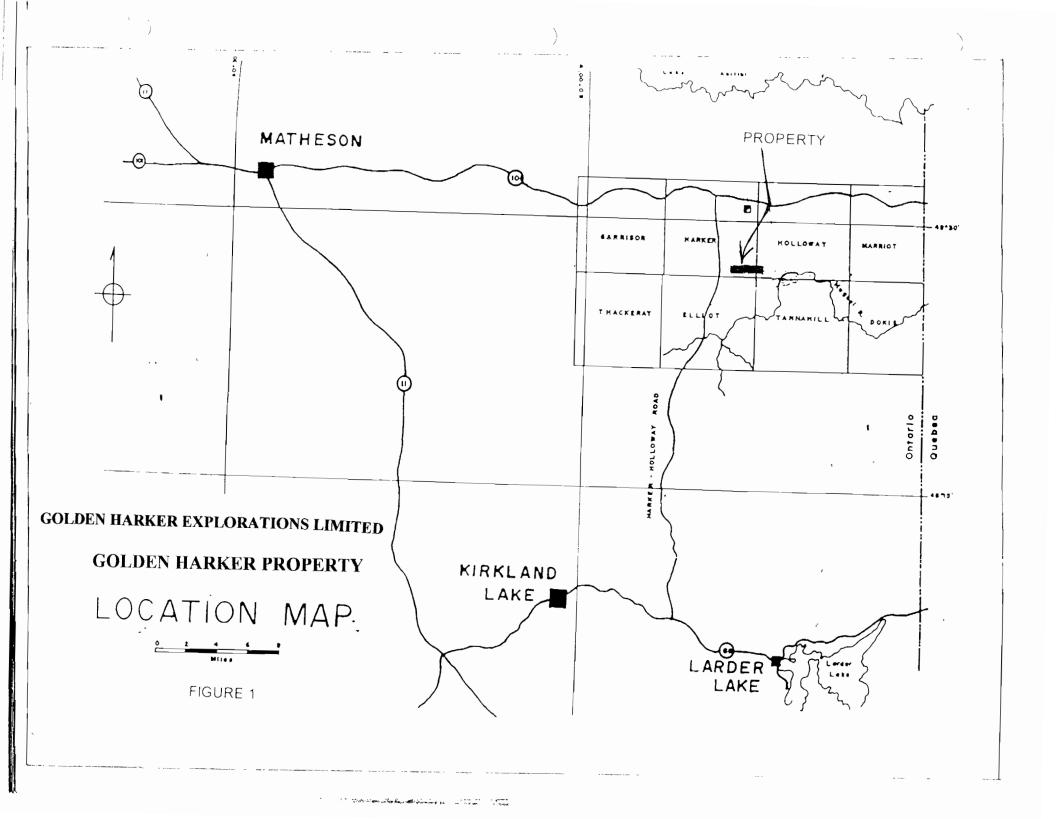
4.0 DISCLAIMER

The author relied on information provided by Golden Harker Explorations Limited, as well as information available in the government files, in planning the current exploration program.

5.0 PROPERTY LOCATION AND ACCESS

The Golden Harker property straddles the south portion of the boundary between Harker and Holloway Townships, and is located within the Larder Lake Mining Division of northeastern Ontario, Canada. See figure 1 of this report.

The property consists of 30 patented claims numbered: 578376, 578375, 578374, 578373, 11676, 9197, 11677, 9052, 578377, 578378, 13139, 7306, 7305, 7307, 13138, 9142, 7312, 7313, 7343, 13343, 13342, 13195, 13194, 561998, 57885, 57884, 578846, 578847,578849 and 578850, and 3 unpatented mining claims numbered 3009233, 3009234 and 3009348.



Access to the property can be gained by driving 12 kilometres eastward along hwy 66 from Kirkland Lake, then northwards along the Esker Lake road, which connects in the north with Hwy 101, for a distance of 42 kilometres, from where a series of logging roads and old mining roads lead eastwards into the property.

6.0 GEOLOGY

The Golden Harker property is underlain by a sequence of mafic to intermediate volcanics and associated sediments of the Kinojevis Group of iron and magnesium tholeites, which are part of the Abitibi Greenstone belt. Locally, the sequence trends 70 degrees and dips 60-80 degrees south. Area intrusives include early basic syenite and lamprophyre intrusives, and later syenite porphyry dikes, plugs and diabase dikes.

7.0 GOLD MINERALIZATION

The Golden Harker No 1 shaft occurs within a linear magnetic low, occurring at a major magnetic contact. The shaft was collared on the Harker Deformation Zone (H.D.Z), a sheared, and intensely brecciated, and carbonate enriched section of mafic volcanics, which is host to the Main Gold Mineralized Zone at the mine site. In the shaft area, the H.D.Z measuring approximately 4.5 to 6.5 meters in thickness, reportedly strikes approximately 52 degrees and dips steeply south across the host basalts. Gold is typically associated with disseminated pyrite and carbonate.

The Main Mineralized zone has been explored by underground development and detailed surface drilling along a strike length of approximately 1.3 km

8.0 HISTORY OF EXPLORATION ON THE PROPERTY

Gold mineralization was first discovered in the area in 1923, and since then, a number of exploration companies have explored portions of the property. Following is a summary of previous company exploration activities:

- 1923 Gold was discovered and the Golden Harker property was staked.
- 1924 J. E. Hammel acquired the property for Golden Harker Mines, and completed 1,700 meters (5,600 feet) of core drilling in 15 holes.
- 1925 1929 The Number 1 shaft was completed to a depth of 1,025 feet, with 7,000 feet of cross-cutting and drifting on 5 levels (125, 250, 375, 500 and 1000 foot levels). Limited development was also initiated at the Number 2 shaft, located 800 metres to the west, and 445 meters (1,470 feet) of trenching was completed.

- 1981 1983 Phelps Dodge Inc. held the property under option, staked additional area claims, completed ground geophysics (VLF & Magnetometer surveys) and geological mapping, drilled 1,000 metres (3,380 feet) in 9 holes, and shipped 7,144 tons of ore dump to Pamour Mines in Timmins for processing.
- 1983 1984 Lenora Explorations and Discovery Mines entered into a joint venture agreement to explore the property, and completed ground magnetometer surveying and 1,170 metres (3,855.6 feet) of core drilling in 7 holes.
- 1985 1986 Lenora Explorations continued exploration in Joint Venture with Silverhawk Resources. The joint venture completed trenching operations, and magnetometer surveying, and 2,350 metres (7,703 metres) of core drilling in 11 drill holes.
- 1986 1988 Lenora Explorations completed I.P. geophysical surveying and 9,200 metres (30,200 feet) of core drilling in 84 holes, and 850 metres (2,776 feet) of underground ramp development, plus level access, underground drilling, and ore development.
- 1989 2003 No exploration was undertaken on the property.
- 2004 2005 Golden Harker Explorations Limited compiled data from previous surface exploration, established a control grid over the property, completed an integrated ground geophysical program (VLF, Mag & I.P.) and followed with 150 metres of core drilling in one hole.

9.0 GROUND GEOPHYSICAL SURVEYING - 2005

9.1) General

In late 2004, a 58 line kilometre control grid was established over the core section of the Golden Harker property. The base line was started at the #1 Shaft, near the center of the property, and oriented 052 degrees across the claim group. Cross lines were routinely established at 125 metre intervals along the base line, with line 0+00 located at the shaft. Immediately east and west of the underground workings, and the area of detail surface drilling, intermediate lines were established at 62.5 metre intervals.

In January 2005, the entire grid was covered by VLF-EM and Magnetometer survey. The detail grid east and west of the old workings was covered by 22 line kilometers of pole-dipole IP survey, with overlap into the area of previous work. Survey parameters are discussed in the contractor's summary report (Dan Patrie Exploration Ltd. Feb 10, 2005), which is presented here in Appendix C. Geophysical Map data is presented in Appendix C (C1-C7) of this report.

9.2) Interpretation.

The ground magnetics show the Number one shaft and main Golden Harker Deformation zone to occur within a major linear magnetic low. A calculated gradient magnetic map was produced and shows the associated magnetic low to extend in a northeasterly direction across the entire claim block. The VLF survey located a number of anomalies conforming to the magnetic trend, and another series that suggest the presence of possible NW trending cross cutting features.

The pole-dipole IP survey successfully identified a number of chargeability anomalies along the general trend of the Golden Harker Deformation Zone, which are a priority for follow-up evaluation. The survey was designed to test deeper than a previous frequency domain IP survey completed over the area in 1986.

The accompanying interpretation map (Appendix D) shows the location of select anomalies of interest plotted on the calculated gradient magnetic map. Table 1 provides a summary of the merits of specific IP anomalies:

TABLE 1 - GEOPHYSICAL ANOMALIES

IP	MAGNETIC	VLF	COMMENTS	PRIORITY
ANOMALY	SIGNATURE	ASSOCIATION		
W1 (from 1986 survey)	-Conformable to Magnetic trend	Flanking VLF to north	Parallel to, and immediately south of, Main Harker Gold Zone. The north section may be related to HGZ. Previously drilled	Medium
W2 (1986 & 2005 survey)	-west extension of magnetic trend atW1	-coincident VLF anomaly	-2005 IP survey left anomaly open for extension to southAppears close to HGZ which was intersected in drilling immediately to south and coincident with magnetic low.	Medium
W3 (2005) weak anomaly and open to south	-magnetic low	-flanking VLF to south	-Hole GH0501 encountered broad area of narrow qtz/py veins in area, only slightly anomalous in gold	Low
W4 (2005) weak anomaly	-coincident magnetic high	-coincident VLF	-Possible west extension of W2	High
W5 (1986) weak	-mag low	-coincident VLF	-possible west extension of HGZ	Medium
W6 (1986 & 2005) weak	Mag low	- nil	-2005 survey did not extend far enough south	Low

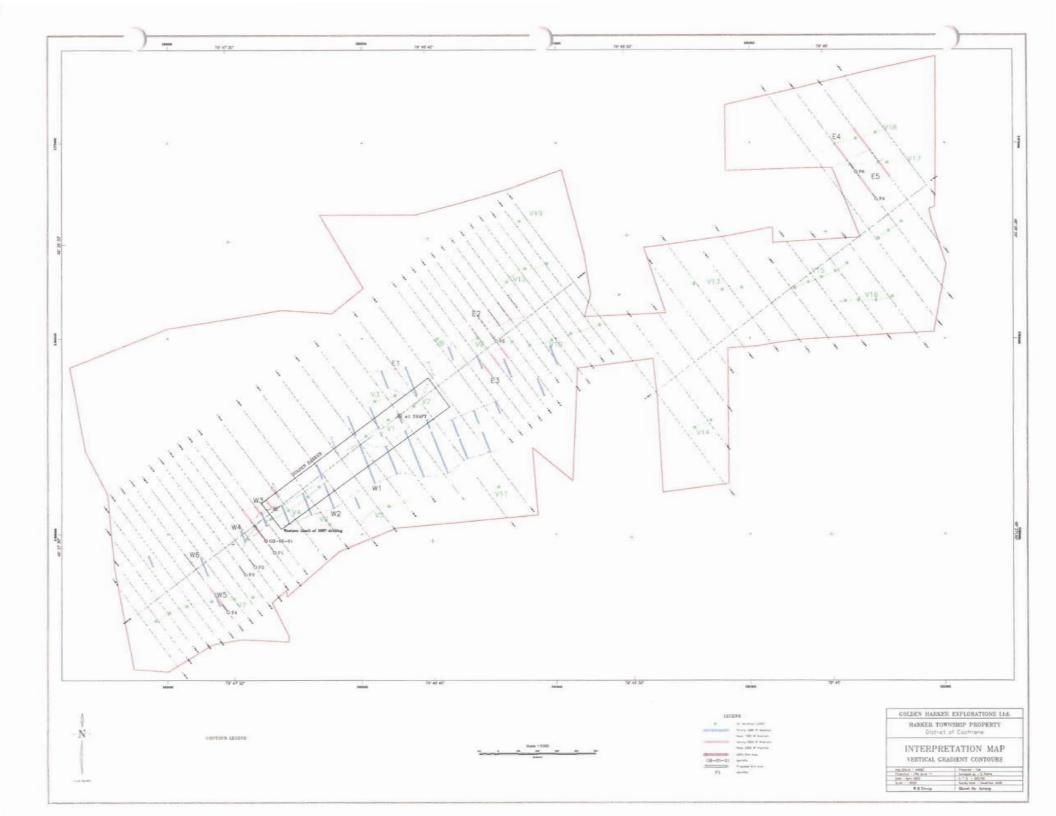


Table 1 continued

E1 (1986) moderate strength	-mag high	-flanking VLF	-previous drilling in this area returned no significant mineralization	Low
E2 2005 moderate strength	-mag high, flanking mag low	-flanking VLF	-not previously drill tested - possible east extension of HGZ	High
E3 2005	-mag high, flanking mag low	-flanking VLF	-possible cross structure close to HGZ	Medium
E4 2005 strong anomaly	-magnetic low	-coincident VLF	-possible far east extension of HGZ	High
E5 2005 strong anomaly	-magnetic low	-flanking VLF	-possible far east extension of HGZ	High

Compiling the IP survey results from 1986 with results of the 2005 survey has resulted in our selection of 4 high priority IP chargeability anomalies for future evaluation. Anomalies W2 is a weak anomaly, but may relate to the west extension of the HGZ. The 2005 survey did not provide adequate coverage to the south. Diamond drill hole GH0501 tested encountered a series of narrow quartz-pyrite veins in the area of W2 with slightly anomalous gold values. The HGZ was intersected immediately to the south of W2.

IP anomaly E2, located northeast of the #1 Shaft, has a similar geophysical expression to that over the main HGZ, and represents a possible east extension of the gold zone.

IP anomalies E4 and E5, are strong anomalies occurring near the east extension of the property These anomalies plot along the apparent east extension of the same regional magnetic low that to the west is associated with the HGZ.

Six low to medium priority IP anomalies, occurring in or near areas of previous drilling, may have extensions warranting further examination.

10.0 DIAMOND DRILL PROGRAM, 2005

Drill hole GH0501 was collared south of the base line on line 937 west and directed north at 45 degrees towards IP anomaly W2. An intensely brecciated, silicified, carbonated and pyrite enriched section of mafic volcanics was intersected at a depth of 28.9 to 31.5 metres, and is believed to represent the west extension of the HGZ. A one metre sample from this intersection returned 3.4 grams gold/tonne. Drill hole GH0501 intersected a series of narrow mafic dikes before encountering a massive diabase unit from 69 metres to 107 metres. The hole continued in silicified basalt to a final depth of 149 metres. Several narrow quartz-carbonate- pyrite veins were intersected in the lower silicified basalt and collectively may account for observed IP anomaly W2. Individual quartz-carbonate veins returned up to 437 ppb gold over a 0.1 metre sample length.

Drill hole GH0501 extended the Harker Gold Zone for an additional 100 metres west from previous drilling. The 2005 IP survey did not extend far enough south to cover the target area, however, a magnetic low occurs where the HGZ was intersected, and has been traced westward by ground magnetic survey for over 200 metres. The area is low and overburden covered. Follow-up drilling is recommended to test the economic potential of this structure both at depth and along strike to the west.

11.0 CONCLUSIONS & RECOMMENDATIONS

Ground geophysics has identified four high priority target areas for further field evaluation, and preliminary drilling confirmed the presence of significant gold mineralization in the first target tested. The 2005 program was completed in the winter when it was not possible to locate known old mineral occurrences, or confirm the exact location of specific old drill sites.

A summer program is recommended to locate old showings and workings in all areas of current interest on our recently established control grid, in preparation for a follow-up drill program.

References

- Belanger, R., Induced Polarization and Resistivity Survey on the Golden Harker Property, Dec 1986.
- (2) Carmichael, S.J., A Report on the 1986-87 Exploration Program on the Golden Harker and Nelson Harley Option Harker Township for Lenora Explorations Ltd. and Silverhawk Resources, March 1987.
- (3) Carmichael, S. J., A Report on Lenora Explorations Limited Golden Harker Property, Harker Township, District of Cochrane, Ontario. July, 1988.
- (4) Baker, Nelson W.; A Summary Report on the Golden Harker Property of Golden Harker Explorations Limited, April 30, 1984.
- (5) Ferguson, S.A., Groen, H.A., Haynes, R.; Gold Deposits of Ontario, Part 1, Mineral Resources Circular No 13, 1971, pp. 72, Ontario Division of Mines.
- (6) Gledhill, T.L., Lightning River Gold Area, O.D.M. Vol. XXXIV, Pt. 6, 192, pps. 86-98.
- (7) Hinse, G.J., Report on the Holloway Township Gold Property, April 6, 1984.
- (8) O.G.S., Airborne Magnetic and Electromagnetic Surveys Kidd-Munro, Blake River Area, 2003.
- (9) Satterly, J., Geology of Harker Township, O.D.M. Vol LX, Pt. 7, 1951, pps. 30-33. Map 1951-4
- (10) Satterly. J., Geology of the North Half of Holloway Township, O.D.M. Vol. LXII, Pt. 7, 1953. Map 1953-4
- (11) Troop. A. J., Summary Report on Geology, Geophysics, 1984 Diamond Drilling Programme and Mineral Reserves of the Golden Harker Gold Deposit, Harley and Inco Properties, May 6, 1985.

(12) CERTIFICATE OF QUALIFICATIONS

- I, William R. Troup of Mississauga, Ontario, hereby certify and declare the following:
 - 1. I am a Consulting Geologist.
 - 2. I graduated from the University of Waterloo with an MSc Degree in Geology in 1975.
 - 3.I have been practicing my profession for the past 30 years.
 - 4.I am a fellow in the Geological Association of Canada, and a member of the APGO..
 - 5.I planned and supervised the 2004-2005 exploration program on the Golden Harker Property.
 - 6.The opinions expressed in this report are based on my personal observations, and on a review of company and public geological and geophysical reports on the area.

William R. Troup, MSc. BSc F.G.A.C

Mississauga, Ontario

April, 2005

APPENDIX A

STATEMENT OF EXPENDITURES

(1)	Preparations for Geophysics & Supervision: 1. W. Troup	\$1,500.00
	2. Alcanex Ltd	,
(2)	Line Cutting, Katrine Exploration & Development	
(3)	Ground Geophysics (Dan Patrie)	\$38,477.20
(4)	Diamond Drilling 1. Norex Drilling	
(5)	Assays Core – SGS Laboratories	
	TOTAL	<u>\$80,557.89</u>

APPENDIX B

DRILL LOGS AND LABORATORY REPORTS ON DRILL CORE SAMPLING

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Exploration GOLDEN I
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MEX D	H TTI W.G.		IKI IKI	Coller Elevetion	Bearing of hole from true Horthy 324 dog	Total Footage 149 m	Dip of Hole #1	·	RKLAND LAKE	Nap Refe NTS: 32	rence No. D/0 6		Claim No. L13342		
15 23, 20			Date Completed Feb 28, 2006	Ceta Logged Feb 27, 2005	Logged by (odni) W.R. Troup		140m -44		MADAND DAME	Location (05369070t					
OLCEN I	n Co., Owner or Op HARKER	ofonés			Logged by (Signature	Logged by (Signeture)				Feld Co-c		ds: 0+85m Grid S, 837m Grid V/			
orland IP & NI MAD Anomalies					"Y.C. Troup"			-		Property Name HARKER TOWNSHIP					
Footage (Metres) Rock type				Osacription	(Colcui, grah size, lex	bire, minerale, siter	stion, etc.)	$\neg \uparrow \uparrow$	You Surple Iva had but as ten	Gary's Fact	r Je	E with Langua Unique de	VITTA		
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7	55.5	META-BASAL	T -dark g	reen, massive	to foliated nor	maily at 40°	to 60° to CA		348410	23.4	24.0	0.6	6	-	
			-non-m	nagnetic to slig	htly magnetic,	quartz/carbo	nate/pyrite veinin	g	348411	25,6	26.6	1.0	<5	-1:	
							intrusive locally.		348412	26.6	26.0	1.4	8		
			-perva	sive carbonate	enrichment &	variably sillo	lfied throughout		348413	28.0	28.9	0.9	35	1	
			23.4	-24.0m, 20% (tz/carb veining	, 2-4% fine p	pyrite, tr-po, CA=4	15.			1				
			-25.6	-26.6m, 5% ql	z/carb veining,	trace fine dis	ss py (+aspy)								
				-28.9m, as for	previous but 1	-3% py+po									
					KER MINERA				348414	28.9	29.9	1.0	3418	_ [
					olcanic, qtz/carb present as matrix nts, 2-5% py +trace aspy throughout				348415	29.9	31.5	1.6	490		
			to br	eccia fragmen					348416	31.5	32.8	1.3	76		
				04.5					348417	32.8	33,3	0.5	51	4	
				29.9-31.5m, mottled dark green and light gray, magnetic 348418 minor qtz/carb veins at CA of 60° and variable, trace py & aspy					348418	33.3	34.8	1.5	<5	_	
						and variable	e, trace py & aspy			↓		 -		_	
				centrated near				$\perp \downarrow \downarrow$						\perp	
			-31.5	-34.8.3, minor	qtz/carb veinle	ts, trace to 1	% fine diss pyrite		i i			1			

^{-31.5-34.8.3,} minor qtz/carb veinlets, trace to 1% fine diss pyrite slightly magnetic locally.

*For features such as foliation, badding, schistosity, measured from the long axis of the core.

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle set meauré per rapport à l'axe fongitudinal de la carolle.

Diamond Drilling Log

Journal de forage au diamant

Complete this form and related sketch in duplicate. Remplir en deux exemplaires la Fill in on every page Remplir ces cases chaque page

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Under section 8 of the Mining Act, this information is used to maintain a public record. Aux termes de l'article 8 de la Loi sur les mines, ces renseignements serviront à tenir à jour les dossèers publics.

Footage		Rock type	Description (Colour, grain size, texture, minerals, alteration, etc.)	11	Your Sample No. N° d'échantition	Sample Foots	ige	Sample Length Longueur de	Assays/	I
From	To				du prospecteur	From (m)	To/ (m)	l'échantision	Au ppb	Ag ppm
			-34.8-35.8, trace to 1% fine diss py + aspy		348419	34.8	35.8	1.0	<5	<2
			-35.8-36.0,15% white qtz/carb veining with1% py+trace aspy &cpy		348420	35.8	36.0	0.2	29	<2
			-36.0-37.0, only very minor qtz/carb veinlets and trace pyrite.		348421	36.0	37.0	1.0	<5	<2
			-37.0-37.4, 20% qtz/carb veining 40-50° to CA and random	П	348422	37.0	37.4	0.4	6	<2
			-37.4-38.0, fine dark (possible dike), very minor qtz/carb veining		348423	37.4	38.0	0.6	<5	<2
			-38.0-39.3, 5-6% qtz/carb veining plus trace fine diss py,	П	348424	38.0	39.3	1.3	7	<2
			4 cm wide vein at bottom of section with 1-2% fine diss py							
			-41.6-42.9, 10% qtz/carb veining, veins up to ½ cm wide &	П	348425	41.6	42.9	1.3	<5	<2
			oriented at 45°-55° to CA.	\top						1
			-44.3-45.4, 50% qtz/carb/py veining in silicified green basalt,		348426	44.3	45.4	1.1	37	<2
			epidote colored mineral with veining.		348427	45.4	46.5	1.1	<5	<2
			-45.4-46.5, 1-5% qtz/carb (+trace py), CA=50°60° & irregular							
			-51.9-53.0, qtz/carb/py forming matrix to volc frag's, trace to 5%	П	348428	51.9	53.0	1.1	<5	<2
			pyrite, veiing irregular	\Box						
			-53.3-53.6, 3-5% qtz/carb/pyrite veining in silicified basalt with		348429	53.3	53.6	0.3	318	<2
			veining at 55° -60° to CA	П						
			-54.4-55.4, 8-10% qtz/carb/py in silicified basalt, CA=60°	П	348430	54.4	55.4	1.0	<5	<2
55.5	58.2	MAFIC INTRUSIVE?	-possible altered basalt on contact of mafic dike(?),dark green						<u> </u>	
			-57.4-58.2, 8% coarse diss pyrite, inclusions of mafic volc	П	348431	57.4	58.2	0.8	<5	<2
			in leached bands trending 60° to CA							
			-contact at 58.2 at 80° to CA							
58.2	61.3	MAFIC DYKE	-dark gray, massive with short inclusions of basalt, magnetic		348432	59.6	60.2	0.6	8	<2
			- 59.6-60.2, dark massive, mafic, magnetic, trace qtz/carb/py v's							
61.3	63.7	META-BASALT	-light green/gray, non magnetic, qtz/carb vein at 62-62.1							
			-62.0-62.1, 25% qtz/carb/py veins in silic'd basalt, CA=75°		348433	62.0	62.1	0.1	437	<2

^{*}For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

Diamond Drilling Log Journal de forage au diamant Complete this form and related sketch in duplicate.
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Fill in on every page Remplir ces cases chaque page

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Under section 8 of the Mining Act, this information is used to maintain a public record. Aux termes de l'article 8 de la Loi sur les mines, ces renseignements serviront à tenir à jour les dossiers publics.

ootage		Rock type	Description (Colour, grain size, texture, minerals, alteration, etc.)		Your Sample No. N° d'échantillon	Sample Footage	-	Semple Length Longueur de	Assays/		
rom	То				de prospecteur	From (m)	To/ (m)	L'échentifon	Au	Ag ppm	
3.7	67.5	MAFIC DIKE	-dark gray, massive, magnetic, volcanic inclusions	T					-		
7.5	69.8	META-BASALT	-as before	_							
8.6	107	DIABASE	-coarse grained and massive, fine grained near upper	+							
			and lower contact								
			-lower contact at 60° CA, upper contact indistinct								
07.0	149.0	SILICIFIED BASALT	-medium green in color, and non magnetic; massive to weakly								
			foliated, occasional narrow section of quartz/carbonate/pyrite								
			veining commonly oriented at 50° to 60° to CA								
			- silicified throughout, possible pillow salvages and local								
			brecciation								
			-100.7-101.2, qtz/carb/pyrite veining in basalt (25%-30%), CA=60°		348434	100.7	101.2	0.5	79	<2	
			dark green bladed actinolite-tremolite?								
			-101.2-102.4, qtz/carb veining with 1-2% py, 10% veining,		348435	101.2	102.4	1.3	7	<2	
			CA on veining 30°, (green carbonate)								
			-106.5-106.9, 20% qtrz/carb.pyrite veining 60° to CA,		348436	106.5	106.9	0.4	6	<2	
			brown & green carbonate, 3-5% fine pyrite.								
			-108.2-108.3, qtz/car/pyrite veining @ CA 35-40°		348437	108.2	108.3	0.1	<5	<2	
			-109.5-110.3, broken core, 70% recovery, carb & pyrite on		348438	109.5	110.3	0.8	<5	<2	
			fractures of random orientation.								
			-111.0-111.6, 30% veining in silicified & brecciated basalt		348439	111.0	111.6	0.6	8	<2	
			green carbonate &/or epidote present								
			-112.5-113, 25-30% vein'g at 55° CA, host silicified and bx'd basalt		348440	112.5	113.0				
			-114.6-115.1, 10% qtz/carb/py veining @ 60-65° to CA	\perp	348441	114.6	115.1	0.5	19	<2	
			-116.35-116.7, brecciated & silicified basalt, green carbonate filling		348442	116.35	116.7	0.35	<5	<2	
			matrix to fragments, trace pyrite schistosity, measured from the long axis of the core.								

*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

0204 (09/00)

Diamond Journal de Complete this form and

Fill in on every page

Hole No. Page No.

Drilling Log

forage au diamant

related sketch in duplicate. Remplir en deux exemplaires la Rempiir ces cases chaque page

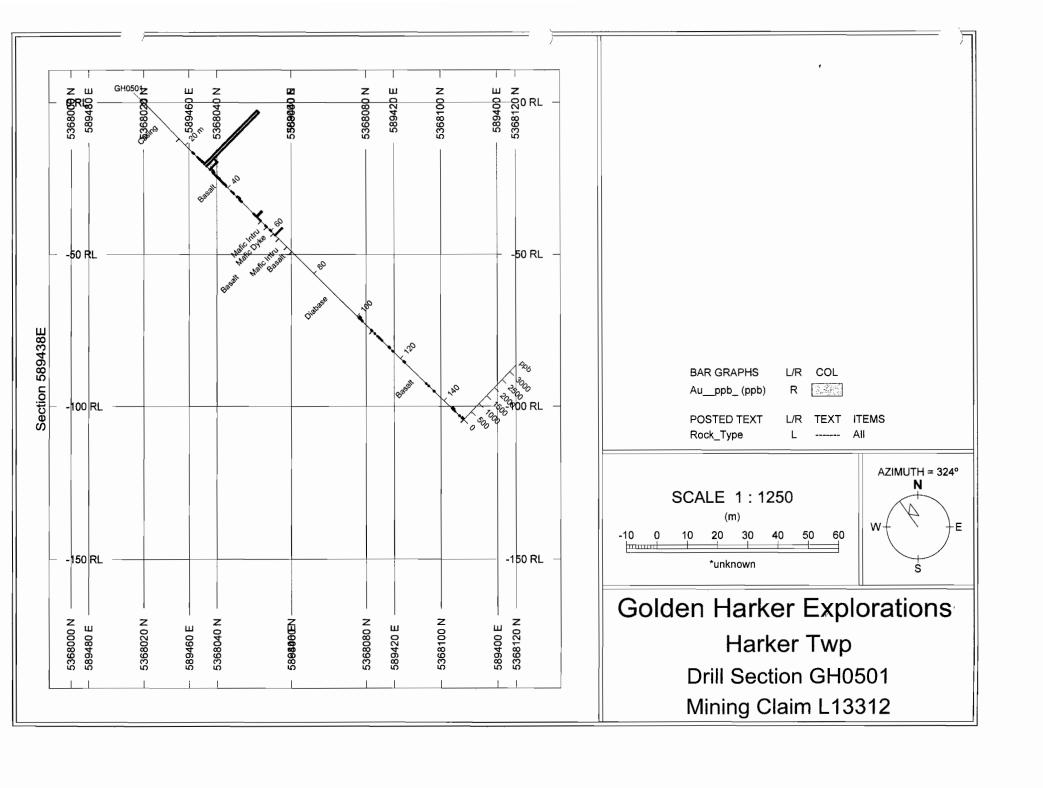
GH0501

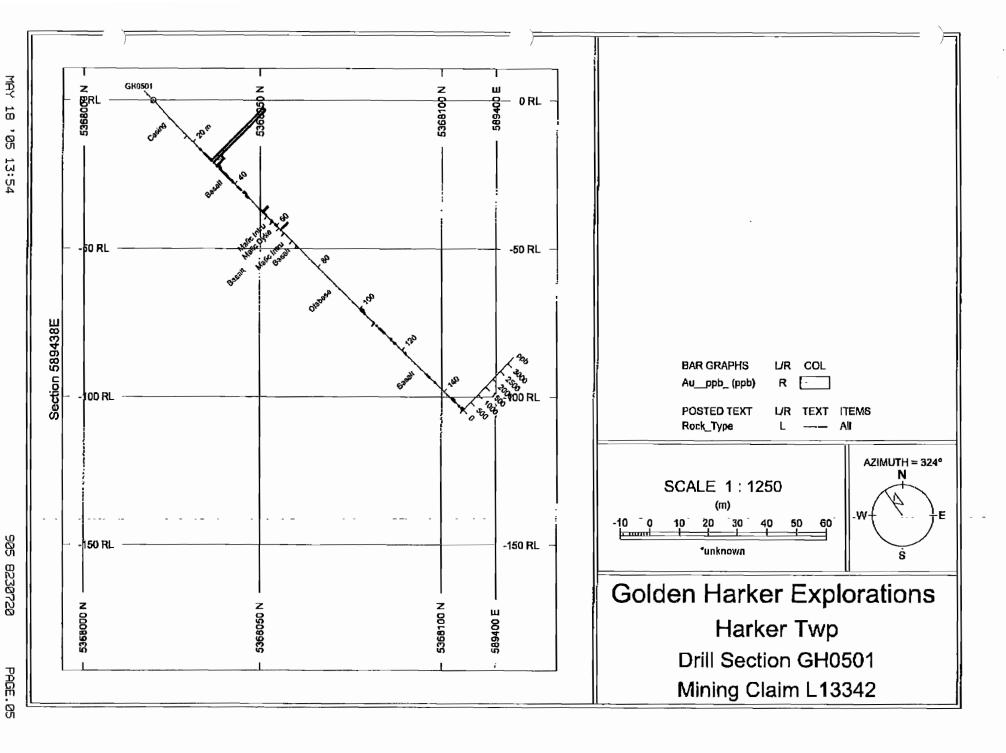
Under section 8 of the Mining Act, this Information is used to maintain a public record. Aux termes de l'article 8 de la Loi sur les mines, ces renseignements serviront à tenir à jour les dossiers publics.

Footage		Rock type	Description (Colour, grain size, texture, minerals, alteration, etc.)		Your Sample No. N° d'échantilion	Sample Footage		Sample Length Longueur de	Assays/		
From	То				du prospecteur	From (m)	To/ (m)	řáchantílon	Au ppb	Ag ppm	
107	149	CONTINUED	-121.45-122.0, 5-8% narrow qtz/carb/pyrite veining at 55-60° CA		348443	121.45	122.0	0.55	20	<2	
			-131.9-132.1, 0.2, 3 cm wide qtz/pyrite vein in silic'd basalt, CA=60°		348444	131.9	132.1	0.2	<5	<2	
			-132.9-135.1, minor qtz/carb/pyrite veining, CA=60°		348445	132.9	133.1	0.2	<5	<2	
			-135.4-135.6, 2 cm wide qtz/carb/pyrite vein at CA=60°		348446	135.4	135.6	0.2	<5	<2	
			-143.7-144.4, 15% qtz/carb/pyrite veining @ CA=55-60°		348447	143.7	144.4	0.7	54	<2	
			-144.4-145.1, 3-5% qtz/carb/pyrite veining, 55° CA & irregular	\top	348448	144.4	145.1	-0.7	<5	<2	
			-147-147.2, 8-10% qtz/carb/py veining @ 55° CA & irregular,		348449	147.0	147.2	0.2	<5	<2	
			3% pyrite								
			-148.14-148.5, 2-3% qtz/py veining @ 80° CA		348450	148.14	148.5	0.36	40	<2	
149			END OF HOLE								
	1			\top							
	+										
				1						1	
				1							
				\perp							
	1			\top							
				\top							
	+ +			\top							
	_			-			_	-	_		

*For features such as foliation, bedding, schistosity, measured from the long axis of the core.
*Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.

0204 (09/00)







CERTIFICATE OF ANALYSIS

Work Order: 082588

To:

Gulden Horkov

Crossus Bold

Attn: Bill Troup

Suite 605

80 Richmond Street W

TORONTO

ONT/CANADA /M5H 2S9

Date :

29/03/05

Copy 1 to

P.O. No. Project No. No. of Samples Date Submitted Report Comprises

40 Core 04/03/05

Cover Sheet plus Pages 1 to 6

Distribution of unused material:

Pulps: Rejects: Discarded After 90 Days Unless Instructed!!! Discarded After 90 Days Unless Instructed!!!

Certified By

Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R.

= Listed not received

i.s.

= Insufficient Sample

n.a.

■ Not applicable

No result

*INF = Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions

SGS Canada Inc. | Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t (416) 445-5755 f (416) 446-4152 www.sgs.ca

Member of the SGS Group (Società Générale de Servettance)

P.002

04/28/05

00:40

Work Order: 29/03/05 082588 Date:

FINAL

Element.	Au
Method.	FAA313
Det.Lim.	5
Units.	р <mark>ұ</mark> р
348410	6
348411	<5
348412	8
348413	35
348414	3418
348415	490
348416	76
348417	51
348418	<5
348419	<5
348420	29
348421	<5
348422	б
348423	<5
348424	7
348425	<5
348426	37
348427	<5
348428	<5
3 4842 9	318
348430	<5
348431	<5
348432	8
348433	447
348434	79
348435	7
*Blk BLANK	<5
*Std AUOE2	584
348436	6
348437	<5

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Date:

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Element. Method. Det.Lim. Units.	Au FAA313 5 ppb
348438	<5
348439	8
348441	19
348442	<5
348443	20
348444	<5
348445	<5
3 4 84 46	<5
348447	54
348448	<5
348449	<5
348450	44
*Dup 348410	<5
*Dup 348422	7
*Drp 348434	77
*Dup 34844?	54
*BIK BLANK	
*Sul OX123	1545

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Work Order: 082588

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TX/RX NO.0744

Date: 29/03/05

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Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01	Aj ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm2	Ni ICP12B 1	Cu ICP12B 0.5
2/0410								P.P.	7	, phu	Pyui	Man	, т	bhur	hbu	bbm
348410	<0.5	0.06	0.39	0.50	0.07	0.02	5.43	2.9	0.22	82	54	312	4.12	24	10	148.3
348411	<0.5	0.02	2.54	2.58	0.05	0.02	6.45	20 .6	0.19	307	67	1000	7.85	38	52	58.4
3484[2	0.6	0.93	2.49	2.59	0.07	0.02	4.92	27.9	0.27	308	48	1090	8.32	40	47	59.5
348413	1.3	0.03	2.04	1.70	0.06	0.01	5.80	20.9	0.31	197	38	1060	6.44	35	44	41.7
3484[4	1.3	0.04	1.56	1.07	0.07	0.01	7.44	14.9	0.25	126	56	950	4.83	30	35	33.5
348415	2.2	0.05	2.02	1 67	0.05	0.01		40.0								
348416	<0.5	0.08	1.03	1,57 1,51	0.05 0.04	0.01	5.15	19.9	0.35	282	70	1060	6.36	34	53	60.4
348417	<0.5	0.06	1.03			0.03	2,53	12.5	0.39	232	59	1190	5.59	39	47	69.0
348418	<0.5	80.0	0.70	1,52	0.04	0.03	2.27	6.4	0.38	176	55	1130	4.87	35	44	47.4
348419	<0.5	0.07	0.87	1.19	0.04	0.03	1.45	7.1	0.36	143	67	902	1.98	30	37	56.1
- 1	~0.5	0.07	V.0;	1.49	0.04	0.03	1.61	6.3	0. 35	1,55	52	1180	\$.04	35	42	63.8
348420	< 0.5	0.07	0.86	1,34	0.04	0.05	5.99	7.1	0.43	121	5.5	1660	105		20	** 0
348421	< 0.5	0.10	0.59	1.03	0.04	0.05	1.63	7.4		161	5 5	1650	4.95	33	39	\$6.8
348422	< 0.5	0.09	0.79	1.45	0.04	0.03			0.34	134	80	764	3.26	23	33	51.5
348423	< 0.5	0.09	0.59	1.01	0.04	0.04	1.47	7.7	0.35	155	124	991	4.85	34	46	115.6
348424	< 0.5	0.08	0.39	0.69	0.04		1.76	7.0	0.31	133	83	727	3.01	21	32	37.8
	74.5	17,00	0.33	0.09	0.04	0.03	2.38	5.2	0.30	107	46	653	3.39	26	2 7	\$9 .9
348425	< 0.5	0.09	0.93	2.02	0.04	01.0	4.43	7.5	0.25	145	10	1000				
348426	< 0.5	0.03	0.64	1,16	0.04	<0.10	4.45 3.01	4.4		148	39	1930	7.86	33	37	121.1
348427	< 0.5	0.07	1.22	2.01	0.64	0.05	2.20		0.39	97	84	872	3.75	27	23	\$6.8
348428	<0.5	0.11	1.00	1.78	0.04	0.09	2.20 1. 5 9	6.9	0.27	157	43	1670	6.85	31	33	109.9
348429	0.6	0.10	1.57	2.45	0.04	0.15	2.34	7.2 9.1	0.25 0.37	132	47 67	1060	5.48	25	22	108.7
		0.20	1107	245	V.VT	0.13	1.54	3.1	(2.37	237	03	1410	6.97	33	28	90.5
348430	< 0.5	0.10	0.67	1.12	0.05	0.04	1.78	7.0	0.36	134	56	624	4.01	1.0	10	4- 4
348431	< 0.5	0.07	0.38	0.71	0.04	0.03	2.02	4.6	0.29	109	49	433	4,01 5,41	18	19	45.4
348432	< 0.5	0.10	0.90	0.94	0.04	0.05	3.21	4.9	0.29	158	49 37	398		48	20	213.8
34 8433	< 0.5	0.06	1.08	1.36	0.04	0.03	3.26	10.3	0.26	201	45	390 460	6.01	30	23	60.9
348434	< 0.5	0.07	1.45	1.26	0.01	0.02	3.53	7.8	0.26	107	135	400 670	4.22 3.51	23 25	2 6 49	24.1 115.5
348435	nh e	۸.۵۲													.,	
348436	< 0.5	0.06	0.97	0.94	0.01	0.03	1.51	2.8	0.17	49	122	392	2.27	28	48	166.B
348437	< 0.5	0.05	0.85	0.85	10.0	0.05	1.52	3.2	0.16	42	115	300	2.68	43	50	318.9
348438	< 0.5	0.05	1.53	1.48	0.01	0.02	2.24	3.0	0.18	60	133	613	2.75	27	53	159.6
348439	< 0.5	0.09	1.26	1.29	0.01	0.06	1.07	3.8	0.17	56	112	438	2.10	25	52	102.8
£ 10463	< 0.5	0.06	1.67	1.34	0.01	0.03	4.99	7.0	0.17	84	139	675	3.22	3[60	90.9

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Element, Method. Det.Lim. Units.	Be ICP12B 0.5 ypm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	Y ICP12B 2 ppm	Cr ICP12B 1 ppnu	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
34 84 41	<0.5	0.08	1.11	1.08	0.01	0.08	2.45	3.7	0.19	- CA	120	443	2.27	22	47	95.1
348442	<0.5	0.02	0.39	0.93	0.01	0.02	2.56	2.3	0.19	√69 35	96	217	1.09	23 16	25	24.8
348443	<0.5	0.02	1.11	0.96	0.01	0.02	2.49	3.4	0.19	52	122	368	1.85	26	50	139.6
3 4844 4	<0.5	0.05	0.32	0.46	0.01	0.03	2.66	1.4	0.19	30	69	183	1.69	31	35	49.6
348445	<0.5	0.03	0.27	0.75	< 0.01	0.03	2.19	1.4	0.16	32	124	178	1.08	13	19	71.7
348446	<0.5	0.01	0.43	0.81	< 0.01	< 0.01	1.60	2.7	0.20	35	150	262	1.29	17	47	83.0
348447	< 0.5	0.04	2.73	2.03	0.01	0.01	6.74	15.0	0.12	145	189	1140	4.32	34	79	11 4 .4
348448	< 0.5	0.03	0.52	0.78	0.01	0.03	2.31	2.7	0.18	39	122	262	1.22	18	33	132.2
348449	<0.5	0.05	1.18	0.92	0.01	< 0.01	4.05	2.1	0.15	43	127	452	2.09	30	50	91.6
348450	< 0.5	0.05	2.69	2.37	0.01	0.02	1.45	4.1	0.14	104	149	927	4.23	31	67	95.4
*Dup 348410	<0.5	0.07	0.41	0.52	0.07	0.02	5.74	2.7	0.25	87	56	325	4.09	25	8	156.4
*Dup 348422	< 0.5	0.09	18.0	1.49	0.04	0.04	1.55	7.9	0.37	161	134	1020	4.80	36	47	119.0
*Dup 348434	<0.5	0.07	1.51	1.31	0.01	0.02	3.70	8.6	0.17	113	141	693	3.59	25	51	119.3
*Dup 348447	< 0.5	0.04	2.82	2.10	0.01	0.01	6.94	15.7	0.14	152	196	1180	4.45	33	80	120.3
*Blk BLANK	<0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.01	<2	<1	<2	< 0.01	<1	<1	< 0.5
*Std XRAL01A	<0.5	<0.01	0.27	0.53	0.07	0.16	1.92	2.9	< 0.01	217	126	308	1.93	6	42	104.6

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Date: 29/03/05

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Element.	Zn	As	Sr.	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ва	La	W	Pb	Bi	Li
Method.	ICP(2B	ICP12B	ICP12B	ICP12B	JCP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICF12B
Det.Lim.	0.5	3	0.5	0.5	0.5	1	2	1	10	5 5		0.5				1
Units.	mqıf	bbus	phu 6'0	phus n-2	pin era	hbru r	ppm	ppm	bhur Ar	bb tu	1 Ppon	ppm	10 ր բա	2 ppm	5 ppm	hbw
348410	21.7	3	41.4	10.8	4.4	2	<2	<1	<10	¦ ≮ 5	8	5.5	<10	<2	<5	2
348411	87.3	<3	68.1	12.8	5.1	<1	<2	<1	< 10	£5	2	3.5 7.5	< 10	3	15	10
348412	100,9	<3	41.7	12.7	6.9	<1	<2	<1	< 10	₹5	2	8.4	< 10	4	10	10
348413	93.2	<3	136.3	11.0	5.7	1>	<2	1>	<10		3			•	10 б	6
348414	63.2	3	180.0	10.6	4.7	9	2	<1	<10	≮5 <5	20	7.0 6.6	<10 <10	5 մ	< 5	5
348415	106.7	3	112.2	13.0	8.0	,	-0		4 10			0.5	~10	-	a	6
348416	108.5	<3	20.2	11.9	6.6	2	<2	<1	< 10	< 5	6	9.5	< 10	7	8	6
348417	101.7	<3	12.7	8.7	6.5	2	<2	<1	< 10	<5	7	7.0	< 10	2	<5	8
348418	77.7	<3	12.1	9.4	8.4	4	<2	1>	< 10	< 5	7	5.7	< 10	4	< 5	
348419	93,3	<3	12.4	8.4 8.4	6.4 6.4	2	<2 <2	<1 <1	<10 <10	∢5 < 5	7 6	6.7 5. 9	<10 <10	3 <2	<5 <5	5 7
348420	85. 6	4	40.1	9.0	6.2				. 10		_					_
348421	58.9	<3	11.5	10.0	7.4	2	<2	1>	< 10	<5	3	6.2	< 10	3	<\$	5 4
348422	82.4	<3	14.2	8.8	7.6	3	<2	2	<10	45	10	5.6	< 10	<2	<5	7
348423	53.1	7	12.9	10.5		4	<2	<1	<10	<5	10	6.4	<10	2	<5	
348424	34.4	3	22.1	8.4	5.0 8.6	6 4	<2 <2	1 2	< 10 < 10	<.5 <.5	6 5	4.6 7.4	<10 <10	<2 5	<5 <5	5 2
348425	127.9	5	13.9	7.1	6.1	4			410						_	0
348426	45.4	3	43.3	6.4	4.5	2	<2	<1	<10	<5	15	8.2	12	3	7	9
348427	100.2	< 3	13.4	7.8	4.3 6.1	2	<2	< 1	<10	< 5	2	4.2	< 10	2	<\$	3
348428	52.9	<3	8.2	7.6	6.7	2	<2	<1	< 10	<5	8	7.6	<10	<2	<5	8
348429	78.4	<3	19.3	10.5	6.2	3 <1	<2 <2	<1 <1	< 10 < 10	<:5 <:5	18 30	6.5 6.4	<10 <10	4 <2	<\$ < \$	
348430	40.5	<3	8.01	10.1	8.8	2				,						
348431	24.2	<3	14.8	8.0	7.6	2	<2	1	< 10	<5	8	6.1	< 10	2	< 5	4
348432	41.7	<3	18.0	10.4	7.9	3	<2	<1	< 10	<5	4	6.4	<10	4	< 5	2
348433	46.0	<3				< 1	<2	<1	<10	<5	6	6.9	<10	3		. 4
348434	35.4	<3	9.3 24.2	10.0 6.9	4.8 5.6	1 10	<2 <2	<1 <1	< 10 < 10	<δ <5	4 2	5.4 4.9	< 10 < 10	<2 5	<5 8	′ 6 5
348435	23.1	,	04.6							:	_					
348436	13.7	4	21.6	5.3	5.1	4	<2	5	<10	<5	3	4.2	<10	2	< 3	6
348437	33.1	5	16.5	5.4	7.7	19	<2	4	<10	<6	.5	5.6	<10	3	7	_
348438	26.2	<3	18.6	5.2	4.9	3	<2	3	<10	< 5	1	3.9	< 10	<2	7	
348439	20.2 37.3	<3 6	12.0 18.2	6.2 6.3	4.5 6.1	1 1	<2 <2	4	<10 <10	<5 - 5	7	3.2 4.8	< 10	<2	<5 <5	10 7
	2711	3	10.2	0.5	0.1	1	<2	3	< 10	<5 :	4	4.8	10	4	< 3	,

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Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	St ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zг ICP12B 0.5 ррип	Mo ICP12B I ppm	Ag ICP12B 2 ppm	Cd ICP12B 1	Sn ICP12B 10 ppm	Sh ICP12B ; 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Ph ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
348441	36.5	5	30.3	7.0	£ 0		_	_		j						_
348442	9.8	<3	25.4	7.0	5.9	23	<2	5	< 10	45	19	4.4	< 10	2	5	5
348443	29,5			5.0	8.1	3	<2	9	< 10	∮ S	5	4.9	<10	3	10	3
348444		<3	17.0	6.6	6.4	2	<2	7	< 10	₫5	5	5.0	<19	<2	< 5	6
348445	5.3	<3	18.2	5.5	4.0	5	<2	6	<11>	₫5	5	2.6	<10	<2	<5	1
0.14113	3.4	3	26.6	4.7	1.6	3	<2	8	<10	₹5	2	3.0	< 10	<2	< 5	2
348446	8.3	4	12.7				_									
348447	61.3	<3	30.0	6.5	6.9	4	<2	7	< 10	< 5	<1	2.9	< 10	<2	<\$	3
348448	9.1	<3		5.8	5,6	11	<2	<1	< 10	ৰ্5	<1	5.6	< 10	<2	11	7
348449	27,7		17.6	6.0	б.8	4	<2	8	< 10	₫5	2	4.0	< 10	3	6	3
348450		4	23.1	5.1	7.8	2	<2	б	< 10	₫5	1	6.2	10	5	8	5
	59.7	3	11.2	4.4	5.0	<1	<2	<1	< 10	₹5	2	5.7	<10	<2	<5	16
*Dup 348410	21,8	3	45.1	11.2	4.0	,					_					_
*Dup 348422	82.5	<3	15.1	9.1	-	1	<2	<1	< 10	< 5	9	5.3	< 10	<2	<5	2
*Dup 348434	36.6	<3			7.7	3	<2	<1	<10	<,5	10	7.0	< 10	< 2	<5	7
*Dup 348447	63,1	_	25.9	7.4	6.0	10	<2	<1	< 10	<'5	2	5.3	< 10	3	8	5
*Bik BLANK		<3	30.0	6.5	4.8	12	<2	<[< 10	< 5	<1	5.4	<10	<2	9	7
See Milital	<0.5	< 3	<0.5	< 0.5	< 0.5	<1	<2	<1	< 10	<15	<1	< 0.5	<10	<2	<5	<1
*Std XRAL01A	187.8	1070	63.4	9.8	6.7	9	2	3	<10	10 1 5	3460	8.6	11	74	13	4

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