ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 94.11.08

ASSESSMENT REPORT 23260 MINING DIVISION: Kamloops Nicola

PROPERTY: CVS LOCATION: LAT 50 22 00 LONG 120 54 00 UTM 10 5581289 649351 NTS 092107W

CAMP:

014 Swakum Mountain Area

CVS 1-15 CLAIM(S): OPERATOR(S): Hudson Bay Ex. & Dev. AUTHOR(S): Enns, S. 1993, 96 Pages **REPORT YEAR:** COMMODITIES SEARCHED FOR: Copper KEYWORDS: Upper Triassic, Guichon Creek batholith, Porphyry, Alteration Hydrothermal, Veins, Quartz, Bornite, Chalcocite WORK Drilling, Geochemical DONE:

DIAD 2069.0 m 6 hole(s);NQ Map(s) - 6; Scale(s) - 1:10 000,1:1000 SAMP 481 sample(s) ;ME

CONTRACTOR :	Aucumo Resources Ltd.	
OWNER/OPERATOR:	Hudson Bay Exploration an Limited	nd Development Co.
LOCATION:	50°22' North Latitude 120°52' West Longitude	
CLAIM WORKED:	CVS 5, 6, 7 and 8	A.K.
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	December, 1993	Filming off
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	S. G. Enns, P.Geo.	Gold Comment
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		FILE NO:
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		LOG NO: FEB 1 4 1994 RD.

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1.0 SUMMARY

The CVS property is located in south central British Columbia, on the southeast side of the Guichon Creek batholith near the well known Highland Valley mining camp. Twenty two claims (282 units) cover an area of favourable geology.

Past exploration was fragmented and indicated widely scattered copper mineralization as well as weak chargeability anomalies on the property. Results from work by the Copper Valley Syndicate demonstrated a strong regional copper anomaly within streams and lakes in the area covered by the claims. In 1993, a new IP/resistivity survey, conducted by Walcott and Associates, identified four large, chargeability anomalies (Roscoe, Billy Lake, Superior North and Superior South) within Chataway granodiorite in the eastern part of the property.

This report presents the drilling results from a total of 2,069.1 metres of NQ (47.6mm) core in 6 holes. Aucumo Resources operated the programme on behalf of Hudson Bay Exploration and Development between September 8 and November 5, 1993. The drilling tested the significance of the large chargeability anomalies.

The Roscoe anomaly is the best mineralized, but it contains weak levels of copper. Isolated and sporadic chalcocite-bornite veins and widely distributed, weak, hypogene and supergene native copper characterize the mineralization. Hydrothermal alteration is localized and displays a weak relationship with copper. Isolated 4 to 6 metre intervals contain 1100 to 1500 ppm copper, with one, the best mineralized zone, of 4890 ppm copper over 5 metres at a depth of 66 metres from hole 93CVS-6.

On the Billy Lake anomaly, similar, but weaker mineralization again with minor sporadic chalcocite-bornitequartz veins and minor, widely distributed native copper was intersected. Significant hydrothermal alteration is absent. Two samples each with isolated high grade veins are 0.39 percent over 2.4 metres and 0.33 percent copper over one metre.

December 31, 1993 Vancouver, B.C. Respectfully submitted.

unes . S.G.Enns P.Geo.



2.0 INTRODUCTION

During the fall of 1993, Aucumo Resources conducted a diamond drilling programme on the CVS property in the Highland Valley region. The exploration target was a porphyry copper deposit, similar to the deposits of the nearby Highland Valley Camp. Claims on the CVS property cover a less explored region, that lies east of the south projection of the Lornex fault.

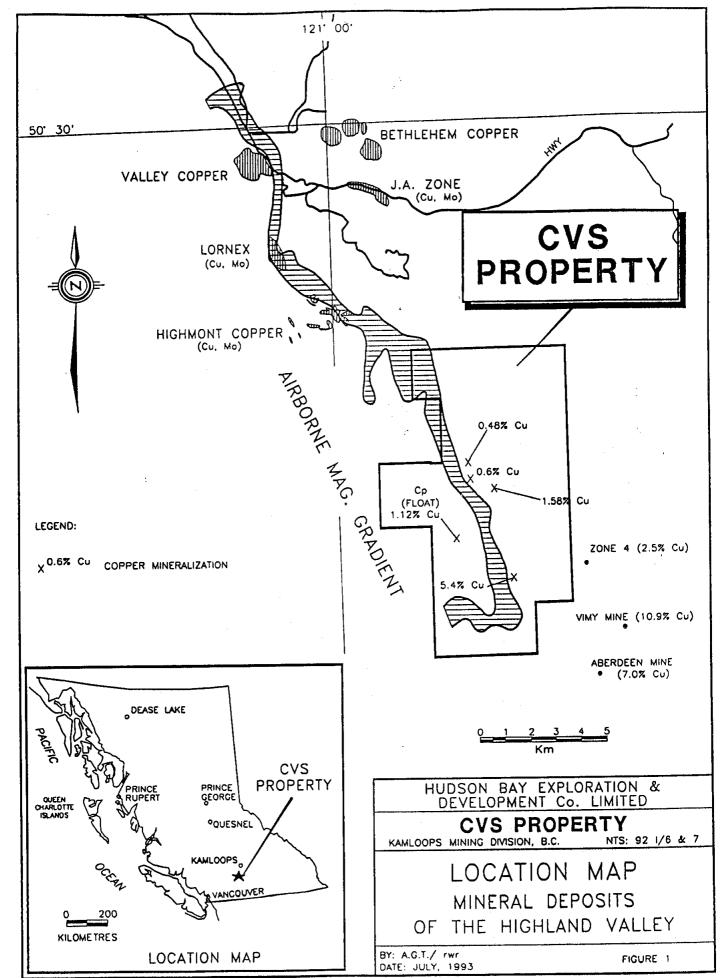
The objective of the 1993 drilling programme was to test a number of IP/resistivity anomalies for mineralization. These anomalies were outlined in the an earlier survey described by Walcott (1993). The anomalies selected for drilling include the large chargeability anomalies surrounding Chataway Lake.

3.0 LOCATION, ACCESS AND PREVIOUS WORK

The CVS copper prospect is located in south central British Columbia (Figure 1), within the southeast portion of the Guichon Creek batholith. It lies on the south margin of the Highland Valley camp, about seven kilometres south of the Highmont Copper Mine. A point at the centre of the property is defined by latitude 50°21'N and longitude 120°55'W.

The claims are located 25 kilometres north of Merritt, the nearest service and supplies centre. Access to the centre of the property is provided by the Pimanus-Tyner fire access road which intersects the Merritt-Ashcroft highway approximately nine kilometres west of Merritt. A network of old exploration and active logging roads provides additional access to most parts of the property. The Chataway Lake Lodge was used a base of operation for the drilling project.

Previous work was conducted on the claims and surrounding area since 1887. Known, nearby deposits are the Aberdeen mine, the Vimy mine both of which are located to the southeast, and the Highland Valley deposits immediately north of the claims. Exploration in the area began in 1956 with the Chataway Mining Syndicate (Troup 1992). Their work continued until the late 1970's and resulted in locating at least five copper showings. Since about 1980, the area was staked intermittently by individuals, but exploration was hampered by the extensive glacial till cover. The present CVS and CS claims were staked by Copper Valley Syndicate beginning in 1991. In 1993, Aucumo Resources Ltd. conducted exploration on behalf of Hudson Bay Exploration and Development Co. Limited.



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4.0 PHYSIOGRAPHY, VEGETATION AND CLIMATE

Topography of the claims is typical of the plateau-like terrain found in the Highland Valley region. The relief is between 100 and 220m with maximum elevations of 1550m at the north end of the claims. Local canyons from glacial outwash streams provide the most extreme relief in the southwest and southeast parts of the claim block. Chataway Creek is a broad, thick, overburden-covered valley with no exposures.

The forest generally consists of well-spaced lodgepole pine with intervals of dense, second-growth pine stands. Scattered patches of aspen and birch occur on south and west-facing slopes, and spruce, fir and mountain alder grow in damp areas along streams and swamps. Low lying areas are covered by swampy meadows in many areas, and frequently these reflect the southeast glacial direction.

The climate is typical of the southern interior, with warm, dry summers and moderately long, cold winters. Temperature extremes extend from more than +30°C in August to -30°C in January. Average annual precipitation is 31 cm, with most of this falling as snow in late fall, winter and early spring. The snow-free period lasts from late April to mid-November. Due to the light snowfall, geophysical surveys and diamond drilling activities can be conducted throughout the winter months.

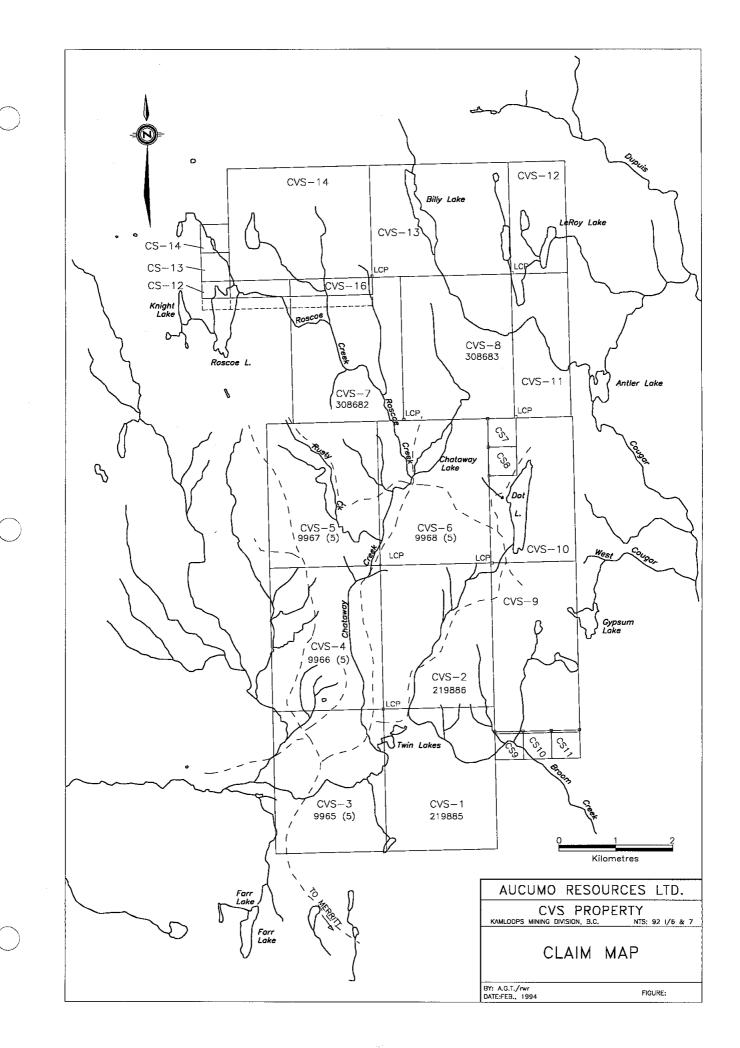
5.0 PROPERTY INFORMATION

Most of the claims on the property are in the Kamloops Mining Division; some of the eastern claims are within the Nicola Mining Division. At present, the property contains 282 units in 22 claims as shown in Figure 2. The pertinent claims data are given in Table 1.

6.0 GEOLOGY

The CVS claim group covers the southeast portion of the Upper Triassic Guichon Creek batholith which intrudes sedimentary and volcanic rocks of the Permian Cache Creek Formation, and the overlying Upper Triassic Nicola Formation, a dominantly volcanic group. Sediments of the Jurassic Ashcroft Formation unconformably overlie the intrusive rocks at a number of locations.

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CVSCLAIM.XLS

CLAIM	TENURE	UNITS	ANNIV.
	NUMBER		DATE
CVS-1	219885	20	May-10
CVS- 2	219886	20	May-11
CVS- 3	219887	20	May-10
CVS- 4	219888	20	May-11
CVS- 5	219889	20	May-12
CVS- 6	219890	20	May-12
CVS- 7	308682	20	Apr18
CVS- 8	308683	20	Apr19
CVS- 9	314627	18	Nov10
CVS-10	314628	15	Nov10
CVS-11	314629	10	Nov10
CVS-12	314630	8	Nov11
CVS-13	314631	20	Nov9
CVS-14	314632	20	Nov10
CVS-15	318562	20	Jun-21
CVS-16	322235	5_	Nov -03
CS- 9	314633	1	Nov07
CS-10	314634	1	Nov07
CS-11	314635	1 ·	Nov07
CS-12	322236	1	Nov03
CS-13	322237	1	Nov03
CS-14	322238	1	Nov03
22		282	

The Guichon Creek batholith is a concentrically zoned plutonic complex with phases that generally show decreasing mineral grain size and increasing mafic content from a central core to the outer margin. McMillan (1978, 1985) subdivided the plutonic rocks into two broad categories. The outer, older phases include more mafic rocks of granodiorite to quartz diorite composition known as Border and Highland Valley phases. The Highland Valley phase was subdivided into Guichon and Chataway granodiorite varieties. Younger, inner phases, form the second broad category and include a transitional Bethlehem granodiorite phase, followed by Skeena granodiorite to quartz monzonite and Bethsaida quartz monzonite. Quartz aplite, granophyre and various quartz feldspar dykes are also included with the younger inner phases.

The younger magmas are more evolved and much less mafic. They are important because timing of the ore disposition in the Highland Valley mines is associated with their emplacement. Significant Cu-Mo mineralization is situated within, and along the margins of Bethsaida, Skeena or Bethlehem phase rocks.

The CVS claims lie in an area of sparse outcrop that received less attention by previous exploration activity and government mapping.

Mapping by Aucumo Resources Ltd. (Enns and Troup, 1993) showed that the eastern two-thirds of the CVS claims is underlain by Chataway granodiorite. The west third of the claims is broadly underlain by a northwest-trending plutonic succession. From east to west, this includes Roscoe granodiorite (200 to 1200m wide), Bethlehem granodiorite (500 to 800m wide), Skeena granodiorite to quartz monzonite (about 1000m wide) and Bethsaida quartz monzonite. Contacts between different phases are variable. They may be sharp, but often are gradational with definite observable changes in rock type up to hundreds of metres apart. This is particularly the case with Bethlehem, Skeena and Bethsaida phases.

The Roscoe granodiorite is an informally named mappable phase that occurs between the Bethlehem and Chataway granodiorite. Although displaying an average lower total mafic content than Chataway phase, it is probably a sub-phase of, and transitional to, Chataway granodiorite, because it shares some of the characteristic features of the Chataway phase, such as uniformly distributed, dominantly hornblende mafic content. In places, the distribution of Roscoe rocks suggests that it cuts the Chataway phase, elsewhere, it occurs as local magmatic segregation within Chataway. Bethlehem granodiorite is transitional between Chataway and Bethsaida phases, and marks the first occurrence of the younger, more evolved magmas. Bethlehem granodiorite dykes cut Roscoe and Chataway granodiorite.

Skeena and Bethsaida quartz monzonite occur in the extreme west parts of the claims. These two phases are gradational and probably represent a magmatic continuum. Contacts between the two are ill-defined. Both have a low mafic mineral content with minor hornblende and large, conspicuous, anhedral quartz.

Quartz aplite as small bodies and dykes cut all phases, but are more abundant in Skeena and Bethsaida rocks. Consequently, they tend to occur most frequently in the west parts of the claim block.

7.0 GEOPHYSICAL SURVEY RESULTS

Most of the claims were covered by a new pole-dipole IP/resistivity survey designed to relocate and better define weak IP anomalies identified by earlier work. A large dipole was employed to detect subtle, deep anomalies representing low-pyrite sulphide assemblage beneath the glacial cover and varying depths of oxidation.

Four large chargeability anomalies were clearly outlined by readings greater than 7.5 mv/v on the third separation (Walcott, 1993). These anomalies generally surround Chataway Lake (Figure 3) and are characterized by increasing sulphide content with depth. All four anomalies are underlain by Chataway granodiorite. The largest of these is the Roscoe anomaly which occurs near the Roscoe/Chataway granodiorite contact. A number of bornite-malachite veins are exposed within the outer limits of this anomaly. The **Billy Lake anomaly**, underlain by Chataway granodiorite, lies east of a trenched area where one old drill hole evidently tested a weak hydrothermally altered and mineralized exposure (Enns and Troup, 1993). The Superior North anomaly lies in a swampy area that is largely devoid of outcrop. Considerable Chataway granodiorite exposure underlies the Superior South anomaly. A few weak malachite occurrences were noted there during the recent mapping.

A weak changeability anomaly with readings up to 6.0 mv/v was identified at the west end of two widely spaced (400m) grid lines in the Mystery Lake area. Recent field mapping in this region outlined a weakly mineralized-hydrothermal alteration system which is open to the south, but closed off to the northwest. This region is underlain by prospective Bethlehem and Skeena plutonic phases.

8.0 DIAMOND DRILLING

The diamond drilling contract on the CVS property was awarded to Atlas Drilling Ltd. of Kamloops, B.C., and was completed between September 8 and November 2, 1993. About 2,000 metres of NQ (47.6mm) core was drilled in 6 holes. The equipment used was a standard, wireline, skid-mounted Longyear Super 38 drill powered by turbo-charged diesel. A D-5 Caterpillar was used for drill moves and for building "back spar" access trails and drill pads.

Recovery in drilling was between 92.4 and more than 99 percent. Depth of holes varied between 274.3 and 412.4 metres with drilled overburden 3.3 to 24.4 metres.

Length of water line was variable, up to 1000m, due to a general shortage of plentiful water supply in the region. Table II shows the materials left in the holes due to technical drilling problems. Hole CVS-3 required reaming the casing to greater depth because of poor ground conditions on the upper 50 metres. This was subsequently lost in the hole. In hole CVS-2 the casing broke and was lost down the hole. Bit life and mud consumption were normal.

All "back spar" trails and drill pads were back-bladed and water berms were constructed where appropriate to combat water erosion from spring run-off. The disturbed areas were seeded with high altitude exploration mix.

The core was logged in a standard manner and split samples were generally taken on three metre intervals. A set of skeletal core samples was collected from each hole with characteristic pieces selected at approximately 10 metre intervals. These examples were taken to Vancouver for permanent record and are stored at the warehouse of P. E. Walcott and Associates. The core for all holes is stored on the CVS-6 claim, immediately south of the Chataway Lake Lodge campsite.

Drill hole coordinates, elevations, dip and azimuth are listed for each hole (Appendix A). On average, two dip tests were taken per hole using a single-shot, Sperry-Sun camera. Deviation and hole flattening were minimal.

Chemex Lab Ltd. of North Vancouver, B.C. analyzed the split samples by ICP multi-element analysis. Assay re-analysis was reserved for those samples exceeding 3000 ppm copper, and are included in Appendix B.

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HOLE #	DIP	BEARING	RECOVERY	DEPTH	TOTAL	CASING	WATERLINE	MATERIALS LEFT	PAC Vis L	PAC Vis D
		Az	%	m	m	m	m	s=shoe, b=bit	liquid	powder
93CVS 1	60	270	99.0	288.3	288.3	24.4	300	1b	2	-
93CVS 2	60	090	99.0	274.3	562.6	9.2	1000	9.7mNW+s+1b	1	1
93CVS 3	60	270	92.4	279.8	842.4	17.1	1000	42.7mNW+s	2	-
93CVS 4	60	270	99.0	410.1	1252.5	3.3	500	-	. 3	_
93CVS 5	75	000	99.0	404.2	1656.7	3.3	900	3b	3	1
93CVS 6	55	045	99.0	412.4	2069.1	6.7	200	2b	2	-

TABLE II: 1993 CVS Project Drilling Summary

8.1 DRILLING RESULTS

Highlights of the results of the drilling are described within the context of geophysical anomalies and include the <u>Roscoe Anomaly</u> - Drill Holes 93CVS-1 to 3 and 93CVS-6 (Figures 4 to 6), and the <u>Billy Lake Anomaly</u> - Drill Holes 93CVS-4 and 5 (Figures 7 and 8). Figure 3 shows the location and distribution of the geophysical anomalies and drill holes. Hand written, full descriptive drill logs are in Appendix A; each log is accompanied by a summary of geological and analytical results. Complete analytical results are listed by hole and by sampled interval in Appendix B.

8.1.1 Roscoe Anomaly

The Roscoe anomaly has a north orientation, that exceeds two kilometres in length and is two to nine hundred metres wide. The underlying geology was mapped as Chataway and Roscoe granodiorite phases cut by Bethlehem dykes (Enns and Troup, 1993). Several mineral showings within the anomaly include "Art's Showing" along a new logging road south of Roscoe Creek and numerous small malachite-bornite occurrences in the south part of the anomaly. Four holes were drilled to test about one kilometre of this anomaly.

Hole 93CVS-1 was drilled across the anomaly. It intersected several intervals of Bethlehem granodiorite dyke that cut predominant Roscoe granodiorite lithology and shows cross-cutting contacts in core. Hydrothermal alteration consists of weak, fracture-controlled and localized sericite accompanied by minor pink K-spar envelopes that are best developed near the bottom of the hole, in and near Bethlehem phase rocks. The mineralization is weak, occurring as fracture-controlled native copper, minor chalcocite and bornite veinlets 1 to 3 mm wide. Copper sulphide veins occur on low, core-axis angle veinlets (12 to 18 degrees). Copper levels are below 300 ppm.

Holes 93CVS-2 and 3 were drilled as a section across the south part of the anomaly. They intersected Chataway granodiorite cut by Bethlehem dykes. Hole 93CVS-3 intersected a wide interval of Bethlehem phase, possibly because this hole was travelling in a direction sub-parallel to the dyke. Generally weak, fracture-controlled, localized hydrothermal alteration was The top of hole 93CVS-3 started in a clay-altered, encountered. fault zone where much of the soft rock and overburden were washed out by the drill returns. Mineralization is generally weak in both holes, consisting of 1 to 2mm bornite-chalcocite veinlets with 15 to 35 degree core-axis angles. Hydrothermal alteration accompanying mineralization is often present as a weak, pink, bleached envelope, or it may be completely absent. The best

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interval is at 254.0 to 260.0 metres in hole 93CVS-3 where specularite-chalcocite fractures occur with a frequency of 5 to 7 per metre in a short, pervasive, sericite-altered interval that contains 1171 to 1239 ppm copper.

Hole 93CVS-6 was drilled in a northeast direction to intersect mineralization veins at a better angle, and to drill under the extension of "Art's Showing" exposed along the logging This was the best mineralized hole in the Roscoe anomaly. road. It intersected mainly Chataway granodiorite in the upper portion, and mainly Roscoe granodiorite in the lower portion, but ended in Chataway phase. Hydrothermal alteration is generally localized and structurally controlled. In intervals of less than 15 metres, sericite occurs as narrow envelopes up to several centimetres wide. Short intervals of structurally controlled, moderate intensity, K-spar envelopes up to 10 centimetres wide often are accompanied by orange-pink, zeolite-calcite veins up to In hole 93CVS-1 this was identified from thin section 1 cm wide. Typical mineralization occurs as 1 to 2 mm chalcocite-bornife as Laumontite. veinlets either with weakly bleached alteration envelopes, or with no associated alteration. Core axis intersections are between 55 and 75 degrees. Native copper was not observed in this hole.

Several 4 to 6 metre intervals contain more than 1000 ppm copper, with the best interval of 5 metres from 63.0 to 68.0 metres averaging 4890 ppm copper and 3.28 ppm silver. Within this interval is a 2 metre assay of 0.93 percent copper. The interval 130 to 160 metres tested the down dip extension of "Art's Showing" and intersected only two short intervals of high copper. One of these intervals is 0.33 percent copper across one metre from intense quartz-sericite-altered rock adjacent to a fault, the adjacent sample of fault zone material contains 978 Yet no mineralization was visible in either of these two ppm. split intervals. Standard three metre samples contain 350 to 978 ppm copper. Deeper in the hole (266.0 and 280.0 metres), two intervals with a higher than average density of mineralized veinlets contain relatively low copper. The highest molybdenum sample, at 305.0 metres is associated with a 1.5 cm quartzepidote-chalcopyrite vein containing disseminated bornite and some molybdenite slips. Elsewhere the molybdenum contents is low.

Drilling results indicate that the Roscoe anomaly contains weak copper mineralization. Where levels of copper are high, they occur over narrow widths. Hydrothermal alteration although present is sporadic as a localized, structurally-controlled feature. Its association with copper mineralization is not strong. The copper mineralization contains a sulphur-and iron-

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poor mineralogy. Much (although not all) of the native copper in the first hole appears to be of hypogene origin as is evident from its occurrence with hornblende and with magnetite, and at a depth of more than 200 metres.

At present, the only explanation of the chargeability anomaly is the combined presence of scattered chalcocite-bornite veinlets, fine grained native copper and estimated 1 to 3 visual percent of magnetite.

8.1.3 Billy Lake Anomaly

The Billy Lake anomaly is located south of Billy Lake. It displays a north orientation, is about one kilometre long and is 250 to 450 metres wide. Bedrock mapped in the area consists of Chataway granodiorite cut by a possible Bethlehem granodiorite dyke near the Billy Lake Road. An area of extensive trenching lies immediately west of the anomaly and evidently tested the extent of several scattered, weakly mineralized copper occurrences that comprise a northwest-trending zone of weak alteration and mineralization recognized by recent mapping (Enns and Troup, 1993). Two holes were drilled to test the Billy Lake anomaly.

Hole 93CVS-4 was drilled across the north part of the anomaly and intersected Chataway granodiorite in the upper 167 metres of the hole, followed by Bethlehem granodiorite below 167 metres. It ended in Chataway phase. Short sporadic intervals of weak to moderate intensity K-spar alteration and fracturecontrolled sericite alteration are scattered throughout most of the hole. Overall, the copper mineralization is weak, and consists mainly of native copper with sparsely distributed chalcocite and bornite veinlets. In the upper 200 metres of the hole, native copper occurs as the dominant copper mineralization in fractures and as isolated disseminations, or as disseminations associated with mafic minerals or with magnetite. Above 60 metres, native copper occurs as copper wire along fractures and is supergene, but at greater depth its origin is most likely hypogene as indicated by its encapsulated mode of occurrence in the hornblende, magnetite, or with fine grained drusy quartz vein Typical grades for native copper mineralization are in material. the range 200 to 600 ppm. Visual estimates are difficult owing to the fine grained nature of the native copper, but they do not exceed one-half percent by volume. In the interval 172.0 to 199.0 higher copper is associated with elevated levels of silver (0.4 to 0.8 ppm). Two isolated high copper samples in the hole are caused by the presence of chalcocite or bornite veins. At 187.0 metres, a 2.4 metre sample contains minor chalcocite within a fault; at 364.8 metres a short, quartz-sericite altered onemetre sample contains specularite accompanied by bornite near a small fault. Both samples were re-assayed and run 0.39 and 0.33 percent copper respectively. Adjacent samples are an order of magnitude lower in copper.

The possible source of the third separation chargeability anomaly on line 70+00N evidently is the chalcocite-bornite veining below 300 metres, with some possible contribution from the native copper dissemination between 150 and 200 metres.

Hole 93CVS-5 was drilled along the long axis of the Billy Lake anomaly to test mineralization and a possible source of an inversion modelling chargeability anomaly below 250 metres. The hole intersected several phases of Chataway granodiorite cut by intervals of Bethlehem dyke. A major fault was intersected from 142.1 to 147.0 metres. Throughout most of its length, the hole encountered short intervals of hydrothermal alteration as pink Kspar and quartz-sericite, that is fracture controlled, wallrock alteration. Much of the pink alteration was identified in thin section as extremely fine hematite dusting of the feldspars accompanying sericite replacement of the core regions of feldspar. Pink zeolite (identified as laumontite in thin section) and calcite veins are widespread and also contribute to pink alteration envelopes. They are locally abundant, possibly as part of a late, low temperature alteration event within the batholith.

Mineralization consists of discrete, sparsely distributed 1 to 2mm chalcocite and bornite veinlets at 30 to 45 degrees to the core axis, often with no associated wallrock alteration. Native copper disseminations as very fine grained particles were identified in intervals of 5 to 40 metres wide, below a depth of 200 metres. Much of the native copper is of hypogene origin, as was described in hole 93CVS-4 above. Copper levels for such mineralization are variable and typically 100 to 400 ppm, with local samples as high as 800 ppm, depending on degree of dilution and sample width.

The combination of weak, widespread native copper dissemination and scattered, discrete chalcocite and bornite veinlets between 50 and 280 metres are regarded as the most likely source for the Billy Lake IP anomaly. A likely source for a deep, inversion modelling chargeability anomaly below 200 metres is not apparent.

REFERENCES CITED

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Troup, A. G. (1992) Geological, Geochemical and Geophysical Report on the CVS Copper Prospect. Kamloops Mineral Division B.C. NTS 92I/7 Assessment Report.

Walcott, P. E. (1993) A Geophysical Report on the Induced Polarization Surveying CVS Property, Highland Valley Area, B.C. Kamloops Mineral Division B.C. NTS 92I/7 Assessment Report.

STATEMENT OF EXPENDITURES

1. Diamond Drilling:

Atlas Drilling, Kamloops, B.C. 6789 feet @ approx. 14.06 per foot \$95,470.56

2. Personnel:

S. Enns, Geologist Aucumo Resources, 605 Rutland Court, Coquitlam, B.C. August 24, 25, September 7 - November 5, 1993 61 days @ approx. \$401.22 \$24,474.38

S. Lehman, Core-splitter
Aucumo Resources, 605 Rutland Court,
Coquitlam, B.C.
September 13 - November 4, 1993
53 days @ approx. \$253.13 \$13,415.63

A. Troup, Geologist Aucumo Resources, 605 Rutland Court, Coquitlam, B.C. August 24 and 25, 1993 2 days @ \$506.25

P. Walcott, Geophysicist Aucumo Resources, 605 Rutland Court, Coquitlam, B.C. August 24 and 25, September 7 and 8, 1993 4 days @ \$506.25 \$ \$ 2,025.00

\$ 1,012.50

3. Redhawk Rental, Burnaby, B.C. 4X4 Truck \$ 3,482.28 \$ 2,316.61 4. Room - 62 days Sperry-Sun Rental (2 month min.) \$ 4,084.14 5. Supplies \$ 3,730.52 6. 7. Chemex Labs, North Vancouver, B.C. Assay and analysis \$ 4,614.04 8. Goods and Services Tax \$ 2,036.29 TOTAL \$156,661.95

STATEMENT OF QUALIFICATION

I, STEVE G. ENNS of North Vancouver, British Columbia, hereby certify that:

- 1. I am a graduate of the University of Manitoba with an M.Sc. Economic Geology.
- 2. I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.
- 3. I have practiced my profession for more than 22 years.
- 4. I supervised the programme described in this report.

Vancouver, B.C.,

December 31, 1993

S. G. Enns



APPENDIX A

DRILL LOGS

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DIAMOND DRILL SUMMARY

AGGAVG

Project No. <u>CVS</u> Hole No. <u>93CVS-5</u> Page <u>/ of 10</u> Property <u>CVS</u> Claim <u>CVS-B</u> Section <u>(ENTRE OF BILLY LAKE</u>

Section <u>CENTRE OF BILLY LAKE ANOMALY</u> AT DEPTH - AND TO TEST INVERSION MODELLING ANOMALY. Date Started <u>SEPT. 24, 1993 N</u> Date Finished <u>SEPT. 29, 1993 D</u> Logged By <u>SENNE</u> Contractor ATLAS DRILLING, KAMLOOPS

Core Stored At CHATAWAY LAKE LODGE CAMPSITE

CORE SIZE										
FROM	FROM TO SIZE									
0	404.2	NQ								

total depth <u>404.2 m</u> core recovery +99%

COLLAR SURVEY NORTHING 640 N	
ELEVATION 44.10E ELEVATION 47.2.2 m BEARING 000°A2	
BEARING <u>000°A2</u> DIP <u>-75°</u> REFERENCE	

	DOWN HO	LE SURVRY	
FOOTAGE	DIP	AZIMUTH	
27.7m	-76°	0010	
247.2m	-76° -767	0010	
	-		
· .	î.	·	
	1		
I		L I	

SUM	MARY LOG			ASS	AYS		• •
FROM TO		FROM	TO	Pea	PP Ag		
0 3.3 OVERBURDEN							
	E. Above fault zone 142.1-147° granodiorite	565	595	243			
	out altered intervals of pink K-spon envelope ble	930 aching	96 [°]	363	- 1		
sometimes with sericite frac	ture accompaniment. Pink zeolites almost alway	960	<u>98</u> :	432			
are associated with the all	Fration. Native cooper occurs in minor amounts an	1420	1.450	502			-
fractures and a disseminations	in matic Lyke at 43 m, and in granodiouiter. It disp	152.5 lays	154.7	743			
an affinity for metic minere	Is and magnetite Discrete chalcocite and/orboini	e /98°	201.	265			
	sociated alteration at 32 to 46 ° to CA. Pink aplite		2040	337			
	5°CA 98.1-101.7. Below the fault at 147° ate		2090	424			
two short altered intervals.	Pervasive, intense sericite alteration occurs 166	· 2835	2855	215			
to 177.2 essociated with se	veral faults . K spon pink alteration related to a	2855	2.87.5	/139	0.8		
sencite in quartz fractures	ystem 206 - 215. Sponse native copper occ	us 2875	2895	227			
	between 195 and 225 in fractures of weakly alle					,	
	ets. Several descrite chalcocite - bornite veins cut		· .		•		
	k associated with pink zoolite verning occurs at 362 to						
	FINER GRAINED PHASE is altered locally by						
	tervals some with servicite fractures. Recoasing						
	iated with faults between 262 and 268.8. See	un l					
	vember 1+02mm nide cut at 30+055° CA.						
	ZUNITE - PINK PHASE is Transitional with no contact	<i>b</i>)					
	cite - bounite 1 mm veinble cut at 35 to 60 °C						
	RITE - FINER GARINED PHASE						
t y tra							
Note: Most Icspor pin	king is caused by pink zeo lite yeining , a						

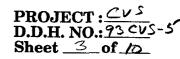
subordinate amount is due to servicito - Ote visibles and fractures .

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CV</u>S-5 Sheet <u>2</u> of <u>10</u>

INTERVAL		L DESCRIPTION		ADD L	MINE	ASSAYS					
FROM			A B C	U FRACTUR INTENSIT	CP BN I	Y MAG CC CU	SAMPLE	FROM	TO C	a	
0	3.3	CASING									
								-			
3.3	28-1	CHATAWAY. GRANODIORITE									
		17to 18% 2 to 4 mm metics, Hornblende dominant, un	i from by distribut	ted and eve	n grained	1 - trucult	medius	tra		- D-	a an
		Blochy Core down to B.Sm.			1	//			- p	<u>a</u>	
		Several Sericite - Kspar envelope fractures 15° and 50°	cA. at 5 land le.	8							
6.3		Imm atz-Senicite vein with Bornite 47°CA.			¥.						
8-1	8.3	Small fault zone 47° cA.									
12.0		Small fault 2cm 43° CA with several pink K-spai in	relieve verilets will	enidute an	e						
		localized shearing				•					
		Lange poikolitic Kspac Lals > Icm visible here and there, I	to mit las atmottle	1 annoarun	a from						
		laige K-spin patities 25 to 30° lo. (Similar to hole 930									
		grained phoses are apparent. Massive 3 to 5 functiones /									
23.4		10° A 2mm Qt2-Kspar vendet with weak sericite alteration		Barnite		¥			G.		
		and Chalcocite									
25.0	26.0	Minor native copper disseminated (2 = 1/2%) - check an	aliques			* X	627625	250	26°.9		
269		10°CA Ato Smu Liffuse atz-Ksparveni with adjace	2	7	₩	×					
		pink Kspar envelope Minn Chalcucite and Bornike		<u> <u> </u></u>			627783	408	4389	7	
428	43.4	fine grained heafic dyke 65° cA minor disseminate	P 1. Tonia Certifica			×	627 784				
46.8	····	Separe - muse limited area				×	127621	468	47 2 8	25	
		Several spousely distributed weakly bleached Eitz ve	indet 20.ch-	to rement	tion	In u 2tol	627 785	47.2	50.2,1	2	
0477	,	30° CA Otz Service vein - Servicite envelope - dis	F.D.A.			<u> </u>	627 786	502	532 11		
				77		X	627787	<u>6</u> 32	5450		
		Two or the more similar Venilets with and we			1		1 7		twind	202 ~	

DIAMOND DRILL LOG



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INTERVAL		DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS			
FROM	то		ALTERATION CALL	CP BN PY MAG	SAMPLE FROM TO DE CU			
2 536	541	Clay field froctures ~ 10 per m.						
2 54.5		weathy bleached frontures with stative Copper distributed	sparsely alma margines	il wallunk ¥	627627 545 56 5 176			
		prequency is 4 to 5/m., 20 to 30° cA.			627628 56 5 59 5 243			
0607	619	Pink growite and Qtz applite - Lis's munited	magnatile 1-14 %		B27629 585 60.7 81			
> 614	64	Core partled veni with bleached many ins - varying	amount of native copper		627630 614 649 315			
264.5	694	Mative copper in wallrock adjacent to Veni - samp	liggest angle to veri	2*	627631 644 624 182			
		Weakly bleached fractures with variable distribution of No		Vein J	627632 674 694 192			
		in wall nock. Most furchines are 15 to 20 °CA						
0694	71.4	Interval of sink Kypon alteration and pute certite ve	ming stockwark bloc	ky core	127633 72° 74° 170			
2 71.9	- 87.9	Stockwork intensity of areality bleached fractures decree	ser still find marse					
		occurrences of Native Copper discuinations twee -	the consciented of the false	ched	627634 75 81 0 132			
		froctures - sample 78.8. Sparse native coppor hisene	interior morant well away .	for finding 64	en too).			
82.7		20°CA Service frontine - no minerally stron						
\$70-	-899	Servite frectured and weakly alfored.						
2896		Smull fault with gouge 60°cA			627635 90 93 144			
89.1	<u>`</u>	Small fault Hematile slip 30°CA			627636 93 96 363			
91	98.1	Stockwork of weak Kopa ping bleached fractures is about 10	p/me ent by	<u> </u>	1.27637 96 98 432			
	·	later duck service quarte vendets. Both contain minor n	vive conpar					
		and Trace Chalcocite. Pint fractures generally >60°CA, du	it service verndets mostly	×				
		10 to 40°CA with some at 45 to 50° eA.						
195.1	A.	Sheared pink Zeolite - Calcite veniclet 26° CA.						
<u>., 1</u>								
981	1017	PIWIC QUARTZ APLITE	0° Cro, 16 Magnetite durion					

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>53CVS</u>-5 Sheet <u>4</u> of <u>10</u>

INTERVAL		DESCRIPTION	ALTERATION	MINERALIZATION		ASSA	WYS .	
FROM	то		A B C D E	CP BN PY MAG CC Cu	SAMPLE FR	OM TO	Cu	
1017	2150	CHATAWAY GRANDDIDRITE						
		as above 98.1 with weak Koman pinking (bleaching) stud	Lework decreasing Occas	viocal mative copper				
0104	106	hater green service & te venilets with Icm service envelopes	7					
	1	and generally 40 to 50° CA.					N	
0103		Frequency of Qtz-Sericite (green) with 1 on onvelope increases to	about 543/m 40+50°C	• <u>A</u>	627639 1	·08 111	0 137	
		Some ventets have hative copper ingenvelope. Swell shear 3500	CA 7 1093					
@1130		another short interval similar to 108 to 109.5 with 9 as		1				
@ 115.7		1/2 cm pink K-spar Voin with up wallinch alteration 45° CA cm						
		Bornite nimed by Chulcoste - adjacent nutive Copper 4	411 are late hypugone San	mple + + + +				
@1175		short section 1/2m of bleached fractures we envelope native			627640 (17 12	20 176	
o 1187]	Chalcocite Iman veinlet 46°CA to alteration, but nearly		**				
		show weak picking and minior mative copper - they are 24				/		
Q1234	1	24°CA 2 cm OG-Colate Zeolite Vain						
2124 1		Imm Chalcouite venilet 46°CA. with Bornite.		X X				
@ 125	0	intrusice grades to lighter colour.						
01268	. 1	Oti-Kapar pequalité vein 8 cm-55° cA						
2 1298		Gry Hozmu OB danny stochwork veris with valitie copper	-Sample.	`¥	1.27641 1	298 130	3 203	
p 1305		Seven duck serieite envelop fortures 50455° CA.						
a 131.		Small facet 50°CA - algainst Serie to alteration 10.	can cer de latrie copper m	nuprus				
		Service fronture mades of famet supergene. 5 augule,		¥				
01318		Small fault with Sensite stops and set ochere 30 and 35° cf	1 min Chalcouite on 3.	enale Vern X				
1355		5° CA Service Veri 4: The Dom pink Kspan invelope						
1369		Uniform granodionte medningrainel, manire 3 to 5 fritten	afre with several					
T		1 to 2 man low angle services frontines 15 to 250 cA some we		*		1. 1. A. A. A.		

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93cVS</u> - 5 Sheet <u>3</u> of <u>10</u>

INTERVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM TO		A B C D E	CP BN PY MAG CC CL	SAMPLE FROM TO Cu
0142.1 147	Fault Zones Clay Grage and breezes, 35'-50'ch In Tenne series	le with Malachite Clay	¥	627642 142 145 502
	and mative copper in fractine surface. Several faultzines		-	627693 195 198 85
	sections of intrusive up to 1/2 m wide alteration is intens.	a la	e la	627788 148° 151°5196
	silicification. Blocky core with second able ze white ver	ilets and pink fortures		
· · · · · · · · · · · · · · · · · · ·	Massive groundwith below fault, aut by 440 5 pink envelop	& frectures me down to 157	o	ho gap
0151.0	Massive unaltered a grandivite domento 152.5			627789 151° 1525 91
2152. 0 454	Two Bornite - chalcocite Veins with specularite 32 to 90	CA Incuesed frequence	• * ×	627 694 1525 154.5 743
	of pink K-span envelopes 1/2 to 3cm 35 to 75° cA. 1	Pink zeolite on some hout	Teo	627790 15-45 15-7.5 56
= 153 ²	Small faut 40° ct Service extension 100 mil	le		627791 1575 160.5 167
a 1571	42° cA prich envelope atr-serieite veni 2 cm currelype with C	alcoute and notive copper	¥ *	
21629	42°CA pink Zeotike - Calcite vein Icm with 3 cm pink 15	par envelupe		
@(64)	Fault maryin breccia Parish chalwrite aunitalized revice	laste		
21644 169	Weak sheared fault? zone - interse service altered ground		evaile *	
@166.0 177.	2 Variably intense durk green serieite pervasive setued grenodiorite	with some local pick Koper		671645 166 169 99
	alteration and silicification ? Blocky core. Late Sericite practic	The cut pervanue service of	Veration 25 to 30	
0170.5 171.	Joult Zone breccia and goige 10°CA adjount crumbly sof			
.	Less interse soricite alteration and patchy pink Kapas personive a			
@ 173	Small Fould Zone 20 cm Acmodel gronodivite.			
a174 1772	Fult zone Claygouge 50°CA, breecia, rumbly core	25°CA @ Gotton		
@1772 185	Below foult Zone grow dion te is fracture controlled geninite	affired with donk your	sint	
· · ·	suralizes 2 to 10 cm wide 40 to 50 0 CA. that min bly mineralized	1		· ·
a1839 1848	Strongly sheared fault our with 45 to 50° Lobistion of hed earthy the	enstoto		
	2. Some as 1772 to 185? Between these intervals ground with	ancenis the fits fine geo	ine	
21917 1925	I and more deucacutic with about 12 to 14th matics	21 cmm		

Mative copper her on offinity for very netite + heaf it minuel sites. In both hypryme and to lessen degree - The PROJECT: <u>CVS</u> DIAMOND DRILL LOG supergene occurrence. DIAMOND DRILL LOG supergene occurrence. DIAMOND DRILL LOG

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INTE	RVAL	DESCRIPTION	ALTERAT	FION		MINERALIZA	TION		ASSA	YS	
FROM	то		A B	C D LA	CP	BN PY MAG	e Cu	SAMPLE FR	OM TO	Cu	
193.5	19.9.2	Fault Zone breccia and clay couse - hukey care									
199 2		unattered gransdivite									
195.1		Fault Zone									
195.5	2019	Patchy seriaite altered granudiarite, some mative comen (secon	an on tro	tures here a	I chue		¥	627646 /	950 19	8°118	
		@ 196.9, 198.8 and descudere. Servite patches 30° to 40° ch.	Specular K	lematile and	Redean	Thy		6276471	28° 20	265	
		Remartile are abundant on slips. Local pinking 200 to 201.	re Zeolite -	- calaito ven	lets	0		627792 2	01.0 20	,4° 377	
014		Pich, froctured gumby applite Lyke.						627793 20	1.0 20	6. 122	
01.6	202.2	Small fault 30° cA and 05° cA with calite verying							2		
02.6	2043	Pint Zeolite stockwork with puic Kapan envelope alteration &	holem wide	•							
2043	206	Patchy service alteration as 125.5 to 201.9.						627648 a	06 20	9 424	
206	215	Variably Koper alfered with service or proclines. Notive cooper	a frochere	, and some f	actives	25-35°CA	<u>}</u>	627649 2	109 21	12 48	
3 - 2		Pink froctured It's optite byke 2058 to 206.					<u>(</u> *	627650	2/2 2	15-60	
2 3	245	Foregular shears of sericite and along 30° CA venilet. Met	he's creakly	chlorityed	and a	Peur					
		vide 10 to 20 cm dank green Service altered satches									
	-	Becomes slightly filited 213 h 215									
2152	2176	Variably Kopan pervasive and epidate altered									
2167		Imm chalcoute notice copper vintet to CA.					*				
2176	218 ⁵	Fault Zure - offected wallack as high as all with small	parel roman	and sheurs	Brecci	ated					
		with epidate rich clasts, dayservite and red earthy humatite,	ships 10 to	40°CA - 4	uniner	alized					
185		Grandiante is course with magging clean realite conities, serieite for				4u °CA.					
		Native conner is present along some fractures and as dessemination					\times	627657	223 223	174	
		heat a plut envelope to firstures and costite voins is present.									
<u>5</u> °	237.0	Massive on moduorite with week pink stockwork on 2to	9 firstures	or news pe	rne.						
27.5		47° cA 1to 2mm Chalcocite -bornite venilet with Echi prite on				\star			τ. 		

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93cv</u>S-5 Sheet _7_of <u>10</u>

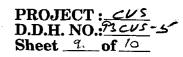
INTE	RVAL	DESCRIPTION		ALTE	ERATIO	ON			M	NERALI	ZATION			ASSA	YS	_	
FROM	то		A	в	C	D	FRAC		CP BI	I PY MAC	Cu	SAMPLE	FROM	то	Cu		
a 230		Small fault 50° cA 5 cm wide															
@ 2335		55° CA 5 cm serieite envelope															
@ 2351		Small fault Zone - incipient fracturing and clear zealite venilets, with a	rusy	CAN	ties	start	at 23	3 and	com	tinine .	n boil	sides of	the I	ault.	Nomi	neral	ña
a 2375	238	Fine grained granudivite dyke - almost upper contact 40°CA, lower con	thet	buc	rated	and	grad	tion.	e				0				
Q 2438		Sheared vin 50° CA - calite cared perieite envelope - blocky care	Jown	<u>ئ</u> ر ا	245-												
@ 245	297	Grun size variation in gransdissite is gradational to finier															
245	365	CHATAWAY GRANDDIDRITE FINER GRAINED PHASE															
		averall medium gramied about 20% famithy (local) foliated 2+03 mm do	unint	4 (Juch	lende	neo fe	5. Oe	cases	nal to	ature						
		warristion to course variety at 248.7 but aly one 20 to 30 cm. a few	. sui	<u>مات ا</u>	مىب	م و	tter te	y n en	velo	+ 1 m							
		furtures 35 to 45° cA and several pink envelope fractures parallel to C	<u>.</u>										<u></u>				_
250.4	2508	Fult Zone - breccin with clay and servicite - slips 45° CA															
251	2619	as 245 to 250." with serveite fractures 40 to 530 CA. Weak pink 1	pon (enve	lope	123	lan u	min	frale	jed		·.					
254.9		Smel foult with bear green sericite development - very men	or not	we	CAP	per					*	62765	2 253	257	200		
256.0		Annel fanot 46°CA															_
261,4		Intense sericite altered growdwite new foult une				_											
2622	263 5	Fault Zme - blocky core. Intense, pervasive serieite altera	hon	ab	ne	foul	Fond	balu	10	264.	4	62765	3 261	5 264	15'90		
2635		Gronuduaite shows increase in fine granied builtite and weak	nh -	fre	tine	mre	lope .	Hen	tion	ta	kwork	- 44.5-	Ins.				
		Bacomes fine grained phase with no apparent contact.										·			<u> </u>		
02677		Funct Zone 55° cA. 20 cm - pression and going a Service env	elone	, 3	مص	. aler	ve fa	A.									
2688		Small fould zne. 55° CA. Den Humatite - Clay- Service	slips	R	set	betu	eer ,	treso	tino	for	et	; serie	te f	retur	d		
		and crushed with moderately pervessive series to alteration and chla	itzie	0 ~	<u>ufi</u>	ès.	Server	2 02	ht.	varaer	group	divit	· Cho	taw	an u	ten	ve
		V ** I			1						V				7		

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>73CVS</u> - 5 Sheet <u>8</u> of <u>70</u>

INTERVAL	DESCRIPTION	ALTERATION	NSITE N	MINERALIZATION	ASSAYS
FROM TO		ABCD	FRAC INTEE	CP BN PY MAG	SAMPLE FROM TO Cu
	Below the finets growedignite is finis grained with 3 to 4%. Atu	Sum black hout	unde Xals		
		TAS/m Still		anity.	
» 272.2	Small foult Zone 16 to 20 cm breceisted and adjacent wallrock	Servicte attento	ne. Blocky	Tore	
	Minor chalcocite broken veinlet at 272.5			✓ <u>×</u>	
274.1 274					
274.7	47°CA Small fourt				
	Main unit cut by 5 to low 40 to 50°CA serieite furtures				
0 2757	Imm 45°CA Bornite mineralized fracture no visible alt	Intron		*	
5 276	30° CA 20 cm mult fault red hematite slips 30 to 35° CA.				
2769	550 Imm Bornite mineralized fracture no attention as	s veix troi		×	
277.4	BO° CA, Imm Bornite minereliged fracture - terminated by gree	n sericita envelope	no alterati	in association	
2789	Swall foult 10 cm, 30°CA Nematite day - Sericite slips.	Blocky core.			627794 280 283 150
2826 28	2 In trusive breecia 1/2 to 4cm subrounded clasts - ground up m				627795 283 205 215
2855 28	Kopen publing 60 to 70° to - several green serieite veris 2.	63 min 35 and 60°C	A		627654 285 2875 1139 08
\$ 286.	Short interval of abundant specularite in intense K-spar pervas	in allered zone wi	<i>T</i> h	*	627655 2875 289 5227
	Short interval of abundant specularite in intense K-spar pervas Borne to specks Also less experiounds at 287.0			*	
287	30° cm full zone 50° cA clay-red hemetite gouge. Block	y care below and	nuderate		
	clay alteration to 289.6.				
, Le	Gronochinite above altered zone 285.5 to 289° has fine premied	pepper-like texture of	maficswit	a subigual biotite	2
· · · · · · · · · · · · · · · · · · ·	This grades into coarses phase at 289.0. Chataway gransdia	rite			
2937 29		294 5 crushed core.	and 294	7 65° CA -10cm	<u></u>
	Fault Zone Brecein and Clay-hed Asmatite gouge Blocke	corp. 35° and 70	Ser Ser	eite and silicies	Lication locally.
	Below foult, massive groundiarite wich lovel Kapan prick	envelopes on Teale	te-calite	venies and front	lipes : Eurelopies are Ho 2 cm vi
<u>9</u> 300	30°CA small shear	1			

DIAMOND DRILL LOG



INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то	· · · · · ·	A B C D EA	CP BN PY MAG	SAMPLE FROM TO Cu
307 2		Fault Zone 50 to 60 = cA red Harmatile slips and clay as	estint perron de seriente al	feature)	
23073	3136	Below faret of mansive groundionite with patchy nitervals of	pint Know our ul no al face	tion on any Coult	1 lerns
		That are supposeded to the are axis. Sparse green somite		n velops.	
2315,2		Small sam found of 5°CA. red Paratile ship.			
53202	3205	Fault breccia with gouge matrix 20°CA.			
, 3232		10cm fault with goings and red Rematite slips 45° CA.			
319	335	Gronodionito is generally massive 3 to 4 fractures /m. , dark	grow Sam smite a	velopes 50° cA. ali	ret 1 par 2 no.
		ainth Kopen andelogos 1/2 to 2 cm'an zeolite 35° cA Immel	12 35 to STOCA, sminte 3	5 to 55° together th	Ex are 3 to 5/m. Occasional
ə354.I	334.2	Redearchy hematite slips 20 to 30° ct.	^		epidate 1 mm veuel
2335		6 40% pink Kapa picking due to 10 120 fractures with pu	4 encelopes		
<u>23393</u>		Fult zone Clay - Sincite and breezin - Broken and highl		\$342	
338.5	~	Pervasive pink Ksper altered granstionite - some sericite		to 8/m. Acties	627656 3395 342 5 148
		No minible mineralization		chlorifized.	627657 3425 345 345 3123
346	358	Sparse put currelase Kapar alteration 16. 2 cm and Service	mundaged (to 3 cm 1.	6 4/m 50 655	°CA
		in an otherwhite massive grandiarite that becomes courses			
>3529	353'	Fault with breace and grage 60°CA.	chalcopyrite of the most is	£ *	
3580	362°	Dominant wash of with Kypan alteration - mostly associat	ted with sint Zeolite - we	ite	
		calcile vendets which low CA. Example at 360. of Kop - Sen			
362	373	as 346 to 358 with pink envelopes but with higher frequence	y of oute Kopan envelopen of	to 6/m. also 1	on cA Zcalita Venipurkeine and
365	4097	CHATAWAY QUARTZ MON ZONITE - PINK PHASE?		lower total metre	control 10 to 1206 Hardedade dominan
365		Grand divite shows a gradual transition to more prite (Kap	m) mottled phase between		5 Berklehem ? Dike ??
370	374	Numerous yellow to clear froctures, driving venis and causties	Uned which zealite.		
377		as 362 to 373 alteration sequence on Zeolite veins is inner			
> 3817					

DIAMOND DRILL LOG

PROJECT : <u>_____</u> D.D.H. NO.:<u>73cu</u>5 - 5 Sheet <u>____</u> of <u>___</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		ALTERATION	CP BN PY MAG Cc	SAMPLE FROM TO Cu
ə 3855	- 	60°CA 1-2 man discontinuous Chalcouite Bornite Veni with 5 mm	Make envelope.	* *	
03,88	5	60° CA same as 385.5 with I am pink Kapar envelope		* *	
73919		35°CA same as 385.5 with 1 cm pink onvelops		* +	
0393	-	Sevend 25°CA bught green someite veris with an ociated K	span praking		
389	390	Anana divite displays some textured and compractional war	ition to less Kopar and		
		back again into the pinker phase.			
398		Small Imm Chalcoute venter (- descentineous chalcoute) "	with 5 min pink Kapan envalu	1 55°CA . 4	
2399	0	Same at 60°CA. 402.7 - 404.2 CHATAWA	T GRANDDIORITE FINER GR	LINED PHASE	
402	7	Draw drowite changes from pick Kopan with variety	(20 125 % 24. 4mar Ka	ar)	
		back to white phase. Speck of Gomite at transite	rin 402.7		
4042		End of lable			
4.4 					

HOLCVS05.XLS

Sample	FROM	то	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Сц	Fe	Ga	Hg	K	Ia	Mg	Mn	Mo	Na	Ni	P	Pb	Sb S	Sc Sr	Ti	T1	U	V	Zn
	m	m	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm		%	ppm	%	1	ppm	%	ppm	ppm	ppm	opmo	pm ppm	<u>%</u>	ppm		ppm	
627625	25.0	26.0	0.2	1.59	14	130	<0.5	2	1.35	< 0.5	14	107	93	3.11	10	ব	0.48	20	1.09	405	1	0.20	18	690	4	2	6 55	0.32	<10			ppm
627783	40.8	43.8	< 0.2	1.21	<2	140	< 0.5	2	1.16	< 0.5	9	69	97	2.71	<10	<1	0.26	<10	0.73	300	<1	0.07	9	710	6		2 60	0.16	<10	<10 <10	120 108	34
627784	43.8	46.8	< 0.2	1.21	<2	120	< 0.5	<2	1.15	< 0.5	10	45	79	2.73	<10	<1	0.21	<10	0.71	285	<1	0.06	9	700	<2		2 64	0.10	<10	<10	106	34
627626	46.8	47.2	0.6	2.10	12	140	< 0.5	<2	1.76	< 0.5	18	72	825	4.64	10	<1	0.22	20	1.08	515	1	0.27	17	860	<2		8 283	0.13	<10	<10	217	32 48
627785	47.2	50.2	< 0.2	1.24	<2	90	<0.5	<2	1.31	<0.5	9	67	113	2.82	<10	<1	0.17	<10	0.81	330	<1	0.06	7	710	<2		3 53	0.15	<10	<10	107	
627786	50.2	53.2	<0.2	1.41	<2	60	< 0.5	<2	1.37	<0.5	8	43	168	2.63	<10	<1	0.13	<10	0.70	265	<1	0.07	9	790	<2		2 64	0.13	<10	<10	107	38 28
627787	53.2	54.5	< 0.2	1.49	<2	80	< 0.5	<2	1.29	<0.5	10	64	97	2.53	<10	<1	0.21	<10	0.74	280	<1	0.06	9	690	2		2 66	0.12	<10	<10	94	32
627627	54.5	56.5	0.2	1.59	6	90	<0.5	<2	1.42	<0.5	11	89	176	2.65	10	<1	0.30	30	0.80	320	1	0.13	12	710	<2		3 59	0.13	<10	<10	96	26
627628	56.5	59 .5	0.2	1.45	<2	60	< 0.5	4	1.42	< 0.5	9	72	243	2.47	10	<1	0.25	30	0.74	305	1	0.12	9	690	4		3 52	0.24	<10	<10	87	24
627629	59.5	60.7	0.2	1.71	2	50	< 0.5	2	1.62	< 0.5	10	97	81	2.50	10	<1	0.24	30	0.78	320	$\frac{-}{1}$	0.11	12	630	6		4 53	0.21	<10	<10	86	
627630	61.4	64.8	0.2	2.35	4	40	0.5	<2	2.72	< 0.5	10	82	315	2.53	10	<1	0.24	40	0.93	380	$\frac{1}{1}$	0.13	12	640	4		5 73	0.23	<10	<10	88	<u>24</u> 32
627631	64.8	67.4	<0.2	2.08	<2	60	<0.5	<2	2.10	<0.5	11	96	182	2.69	10	<1	0.24	30	0.93	380	<1	0.11	10	690	2		5 83	0.21	<10	<10	89	30
627632	67.4	69.4	0.2	1.58	<2	70	<0.5	<2	1.48	< 0.5	11	68	192	2.70	10	<1	0.26	30	0.79	335	1	0.14	<u> </u>	800	<2		3 87	0.21	<10	<10	97	24
627633	72.0	74.0	0.2	1.94	<2	60	< 0.5	<2	1.97	0.5	11	76	170	2.66	10	<1	0.23	30	0.86	355	2	0.13	13	700	<2		4 98	0.25	<10	<10	99	
627634	79.0	81.0	< 0.2	1.39	<2	60	<0.5	2	1.43	<0.5	9	95	132	2.42	10	<1	0.28	30	0.75	315	2	0.12	12	610	<2		3 75	0.23	<10	<10	88	<u>30</u> 28
627635	90.0	93.0	0.2	1.55	2	.70	<0.5	<2	1.42	< 0.5	10	97	144	2.45	10	<1	0.27	30	0.71	310		0.15		650	<2		3 89	0.20	<10	<10	90	24
627636	93.0	96.0	<0.2	1.82	<2	60	<0.5	2	1.93	<0.5	9	66	363	2.42	10	<1	0.22	30	0.75	305		0.13		610	<2		3 123	0.22	<10	<10	86	24
627637	96.0	98.0	0.2	1.30	<2	40	<0.5	<2	1.27	<0.5	10	100	432	2.39	10	<1	0.24	30	0.74	300		0.11		570	2		4 43	0.20	<10	<10	81	24
627638	98.5	99.5	<0.2	0.58	<2	30	<0.5	<2	0.48	<0.5	2	117	10	0.72	<10	বা	0.26	10	0.10	70		0.09	6	80	<2		2 19	0.05	<10	<10	12	<2
627639	108.0	110.0	0.2	1.63	<2	40	<0.5	<2	1.74	< 0.5	10	101	137	2.48	10	<1	0.28	30	0.84	340		0.12	12	630	<2	<2	_	0.03	<10	<10	84	30
627640	117.0	120.0	0.2	1.48	<2	60	<0.5	<2	1.44	<0.5	10	67	176	2.37	10	<1	0.28	30	0.71	300		0.13	9	640	2		3 54	0.24	<10	<10	87	26
627641	129.8	130.3	0.4	1.91	<2	60	<0.5	<2	1.47	<0.5	10	88	203	2.50	10		0.30	30	0.69	315		0.21		670	4	<2		0.23	<10	<10	89	22
627642	142.0	145.0	0.4	1.86	<2	100	<0.5	<2	2.79	<0.5	13	93	502	2.71	10		0.42	40	0.91	480		0.09		650		<2 (0.08	<10	<10	75	38
627643	145.0	148.0	<0.2	1.84	<2	50	<0.5	<2	2.80	<0.5	14	96	85	2.89	10	<1	0.33	40	1.19	540		0.10		680	6	2 0		0.10	<10	<10	87	40
627788	148.0	151.0	<0.2	1.83	<2	110	<0.5	<2	1.77	<0.5	9	48	196	2.47	<10	1	0.13	<10	0.93	385	<1	0.09		660	<2	2 3		0.15	<10	<10	93	34
627789	151.0	152.5	<0.2	1.15	2	90	<0.5	<2	0.89	<0.5	10	71	91	2.61	<10	<1	0.35	<10	0.77	280	<1	0.07		440	2	<2		0.18	<10		104	30
627644	152.5	154.5	0.6	2.13	2	60	<0.5	2	1.98	<0.5	13	62	743	2.97	10	<1	0.29	30	1.01	380	6	0.14	13	750		<2 4		0.25	<10		108	36
627790	154.5	157.5	<0.2	1.43	2	60	<0.5	<2	1.24	<0.5	9	61	56	2.45	<10	<1	0.29	<10	0.78	275	1	0.08		500	4		2 57	0.18	<10	<10	99	30
627791	157.5	160.5	<0.2	1.40	<2	60	<0.5	<2	1.23	<0.5	10	99	167	2.52	<10	<1	0.30	<10	0.81	290		0.11	13	470	4	2 3	3 44	0.20	<10		100	30
627645	166.0	169.0	<0.2	1.82	<2	40	<0.5	2	3.19	<0.5	13	113	99	2.46	10	<1	0.41	40	1.14	455	<1	0.08	16	580	<2	<2 5		0.02	<10	<10	63	38
627646	195.0	198.0	0.4	2.03	8	90	<0.5	4	2.52	<0.5	13	86	118	2.73	10	<1	0.43	30	1.07	425	1	0.11		710	6	2 5		0.11	<10	<10	88	40
627647	198.0	201.0	<0.2	2.43	2	230	<0.5	4	2.30	<0.5	13	92	265	2.87	10	<1	0.25	30	1.03	440	1	0.17	15	740	8	2 6	123	0.21	<10		101	36
627792	201.0	204.0	<0.2	2.78	<2	70	<0.5	<2	4.11	<0.5	9	48	377	2.07	<10	<1	0.18	10	0.86	435	<1	0.11	11	630	4	<2 4		0.04	<10	<10		36
627793	204.0	206.0	<0.2	1.73	4	30	<0.5	2	1.96	<0.5	9	82	122	2.13	<10	<1	0.23	10	0.97	330	<1	0.08	11	500	4	<2 4	51	0.04	<10	<10		38
627648	206.0	209.0	0.2	2.25	24		<0.5	8	2.10	<0.5	13	89	424	2.61	10	1	0.37	30	1.14	415	<1	0.14	11	580	2	6 7	66	0.19				42
627649	209.0	212.0	0.2	2.19	12	30	<0.5	4	2.69	<0.5	12	88	48	2.45	10	1	0.31	40	1.11	415	<1	0.10	8	550	<2	<2 6	90	0.17	<10	<10		38
627650	212.0	215.0	0.2	2.30	8	50	<0.5	2	2.71	<0.5	13	85	60	2.78	10	<1	0.26	30	1.11	435	1	0.14	11	680	8	4 7	65	0.26	<10			38
627651	220.0	223.0	0.4	1.59	20	90	<0.5	8	1.39	<0.5	12	107		2.80	10	<1	0.38	30	0.98	375	1	0.17	8	690	<2 .	<2 5	71	0.28	<10			32
627652	253.0	256.0	0.4	2.26	22	90	<0.5	8	2.36	<0.5	13	80		3.09	10	<1	0.25	30	1.08	435	<1	0.17	9	830	<2	2 7		0.23		-10		42
627653	261.5	264.5		1.42	28		<0.5	4	2.64	<0.5	11	117		2.37	10		0.40		0.77	365	<1	0.08	6	630	4	6 4		0.04				34
627794	280.5	283.5		<u></u>	<2		<0.5	<2	0.99	<0.5	7	96	150		<10	<1			0.57	260	1	0.14				2 2		0.15				28
627795	283.5	285.5			<2		<0.5	4	1.09	<0.5	7	101	215			<1			0.60		<1				<2 •			0.14				28
627654	285.5	287.5		1.94	4			4	2.10	<0.5	10	80	1139		10		0.31	30	0.74						<2			0.19				26
627655	287.5	289.5			14		<0.5	2	1.96	<0.5	9	121	227		10		0.42	30	0.76							4 6		0.18				26
627656	339.5	342.5			8		0.5	6		<0.5	10	89	146			<1						0.12				4 6		0.24				30
627657	342.5	345.5	0.2	1.87	18	30	0.5	6	2.04	<0.5	11	160	123	2.43	10	<1	0.23	. 40	0.83	390		0.11				2 6						30
· · · ·																				,			1					- /			<u> </u>	<u> </u>

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DIAMOND DRILL SUMMARY

Project No. CVSHole No. 93CVS - 4Page 1 of 10

		SUMMARY LOG			ASS	AYS		aim	CVS CVS	8	
FROM	то		FROM	то	nnca Ca	Ppm				AKE ANOM	ALY. NORTH
0	3.3	OVERBURDEN	42	45	410						EN
3.3	167.6	CHATAWAY GRANDDIORITE midum to course grained homblende dominant	. 45	48	579		Da	te Star		SEPT 19,	
		Week malachite specks 27 to 28. Short altered section 32.5 to 35 of sericile on 25.	30°157	159.2	283					EPT. 23,	
		fractures with minor native copper along fractures and minor dissemination with	159.2	162.2	528					S. ENNS	
		mafic sites - publicly late hypogene. Fault at 59. Short altered intervals of	172	175	321					DRILLING,	
		weak K-spur envelopes and 10-20% pervasive service at \$7-94; 95-96; 97.2-10	1.175	178	306			pre Swi			
		Occasional disseminated native copper spechs 115-118 - Fanetat 127. 1 and 130.5			407			FROM	CORE SIZE	SIZE	
		127.9 to 129.9 fine graniel grand diseit dy ke. Native copper specks here and there			597			0	410.1n	NQ	
		and in fractures 15-20° Letween 130 and 143.	183	185	518						
167.0	3850	BETHLEAEM GRANDDIORITE	185	187	465						
		Disseminated notive copper and associated with furtheres and small verilets	. 187	189.4	3841	1.8	то	TAL DEPI	и 416		•
		Deservinated notive copper and associated with furtheres and small verilets Short interval 1, medium to coarse granied Chataway granodionite - house	189.4 nde	190	286			RE RECO		9%	
		domenont with minor desseminated native copper and chelescite in facet	190	193	332		NC	CC RTHING	700 0	ST A	
		Foult at 201. 8 65 to 75°. Short intervals of weak K-spar pick envelope		196	334		EA	STING	4550		
		on Quartz-service fractures plus pervasive service alteration at 210		199	300		BE	ARING	2700		
		214; 230-235; 283.5-300. Jault at 305. Small grandionite dy Ke. et	212			-	RE	FERENCE	l		
		380 - 383. Several chalescite veins and chalcoute on faintly Kopar altered						· · · · · · ·	DOWN HO	LE SURVEY	
		veni margins 20 to 45°. These are generally too widely spaced to be of	-	363.3				0TAGE 56.3	<u>DIP</u> -60°	AZIMUTH	
		sub-economic interest	364.8		3294	1.8		7.7	<u>-60</u> -59°	2750	
365	410	CHATAWAY GRANONORITE gudetional contact over about 10m.	378	380				82.8	- 57%		
		Change and the state of the sta	383	385			┼─┨ ┝─			<u> </u>	
		* Native copper content through difficult & estimate, dues not exceed					-				
		1/2 % across al metre internal.							· · · · · · · · · · · · · · · · · · ·		

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93CV5</u>-4 Sheet <u>2</u> of <u>10</u>

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INTE	RVAL	DESCRIPTION		ALT	ERA	TION	1		1150		MI	NERA	LIZAT	ION			ASSAY	7S		
FROM	то		A	В		С	D	FRACTUR			CP BN	РҮ М	AGCC	Cu	SAMPLI	E FROM	то	Cu		
0	3.3	CASING																		
3.3	127.9	CHATAWAY GRANDDIDRITE					•													
		Massive tock with uniformly distributed 15 to 16 % 2 to 6 mm	n													H5012	2.57.10	,,	~	
		matics - Houndbande dominant. Unaltered, fresh. except for	· xca	tiona	da la c	nee.	4 S	anci	te	euv	elone	s at	4.5	4.6	. 11.4	11.7.	/2.0 0		300	
		Blocky core 4.6 + 56.0.				/													frace	
		Above 20m fracture density is 9 to 10/m.																		
		Blocky and crumbly core 13.4 to 15-2.					1													
2,17.1		Small intrusive breccia rocmwide sab rounded clasts.				1														
a18.6		Sheared intrusive breccia, 20 cm wide, subnounded clashs 550 CA	· she	un	G			-												
		Truce Malachite at 27.5, 27.7. 28.0.																		
29.4		Smull fault, 5 cm, 30°CA.																		
30.5	···· ·· ···	Small fault Som 25° CA adjacent intense Serie te as	1 fernel	101													-			
		Minor ICspan pinkalteration adjacent to fractures and overal																		
		clouding of feldspars- donk green								-	-									
232.5	35.0	Wide 10 to 20 cm bands of pervasive Sericite altera	ation																	
		that my fracture controlled 25 to 30°CD.													1-					/
a 33.6	33.9	Small fault, 30 cm, gouge and breacing 40° CA														~			7	_
235.3		Speck of Chalascito											X		and the second se		\sim			
36.1		Specks of NaTive asppen.			-									¥	<u> </u>					_
36.7	3.8,	Minin spots of Malachite after sparse specks of Cha	alcoci	Le.																
241. 4	42	Finer grained inclusion in minur Native Copper spocks = 1/89	%										,	⊁		- /				
2 42.4	42.7	Small fourt 35° CA Sericite and clay youge Minor Nature Co	oner.											¥						
		Small fourt 35°CA Sericite and clay gouge Minor Native G Occasional dank green Serieite envelopes on furctures 35	1+4	394	A.															

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93cVS</u>- 4 Sheet <u>3</u> of <u>10</u>

INTE	RVAL	DESCRIPTION	ALTERATION	LICIES N	MINERALIZATION		ASSAY	8	
FROM	то	A	BC	D	CP BN PY MAG CC CK	SAMPLE FROM	TO	Cu	
@ 45.4	-	Small fault 10cm 60° CA							
@ 45 4		Small black shear parallel to CA - graphitic		-					
Q 45.7		Small 5 cm shear 57° CA graphitie with Nativo Copper - superge	е.		*				
æ 46.4		Small 2 cm shear 55° CA with Nature Conpen - extends almo a			¥	627591 39	42.	233	
		free ture up to 46.2 - Supergene	1			62759242	45	410	
		Core becomies more massive below 47.0. Spanse Native Conxerspe	cks			627593 45	48	519	
		are also associated with plantslands cupstals. (Supergene ??							
@51.2		Fracture 20°CA as chloritized matis (Homblende) along firetures			×				
		Native Copper, also associated with matics and magnetite - Sonny		A. (Hynon	me)				
355.3		Smull Sheared section				627594 57	60	91	
		Dank green sericite 10 to 20 cm on faulted sections and on the	go Lucte	res at		627595 60	43	120	
		52.8, 56.7 20° CA, 57.0 20° CA, 58.9 +6 59.5, 60.4, 60 8	20° CA.			627596 63	66	93	
058.9	595	Fault Zone 140 CA Clay and red Home Tile gouge							
@ 60.4		Small Sould zone 40 and 20 °CA.							
@ 63.	7	5 mall fault zure 36°CA Service ablance 20 cm Arace A	lative Conp	en and	*				
		pinking of granodionite below to 64.0.							
@ 67.4		Small fault 40° cA, 20 cm shearing and Sericite alteration	. Minor Nat	ive Conner	¥	627597 67	62	68	
		Trace disseminated Nature Copper in granodiurite with in and without				607598			
Q71.5		Minion Mative Copper associated with microfracture			*				
@71.8	73.9	Weakly sericitized feldspars caused by 3 to 4 mm white gt 2 Van	let set 15	"CA					
@75.1		Small foult 20° CA. Led writy Hematile slips. Service all	end.			671 598 75	77	7107	
c76.3		" Sheared and faulted section Strong series albered - minor 1		nnen	*	627599 72	79	40	
@ 77.		Small fault 20° CA 10 cm wide souite alteret				627600 79.	82	77	
@ 75.0		Fractured with weak service alteration and chloritized markies.							

DIAMOND DRILL LOG

PROJECT : CVSD.D.H. NO.:93CVS-4Sheet 4 of 10

INTE	RVAL	DESCRIPTION	LTERATION	TUR	MINERALIZ	ATION		ASSA	YS		
FROM	то		BCI	D	CP BN PY MAG	G	SAMPLE FR	OM TO	Cu		
0 80.8	8J.1	gault Zone - Lost Core 0.5m. 57°CA redeanty Hernatites lip	5 Minor Na	Twie Corner		×					
81.4		Fault Zone. Soft contorted fortues with Clay, we Heren Tite. S									
		minior Klateri Commen				★					
0833	835										
		Branodiovite is weakly pink K-span alt and in vicinity of faults a	ed by ocea	simul							
		sed Zastite and service filled fractures.									
087.0	94	General higher pink Kopan content as weak alteration als	penvarive								
		Service content is higher ~ 20 to 30 %. Mafric minerals are weakly ch	·/ · · · · · · ·	ed.							
988 ⁸	89	+ CA parallel section is sheared and cut by two pink lan Zeolite Ven									
0.92.0	92.4	I con thick pink Zeolite view system parallel to CA. Adjacent and			stered						-
0 950	96-6	Some type Zestite veining and alteration as 87 to 91 - Caused to									
» 97. ²	101	Same type pink K-spar and weak Scricite alteration as 87									
2 97.4		1to 2000 prile Zealite - at that Calite Verin 15° CA. Onerall - wat		unce							
@ 99.3		Red Hematite slip 15°CA									
@ 100.1		Desseminated Native Copper with strublende - hyprogene?	4			*	627601	<u>99 10</u>	2 78		
97		Fracture density average 6 to 7/me with occasional son			m.		-				
0972	121.9	Mottled pink K-spor and weak Service pervasive alteration - a	lafier wea	they Chlor	to alkend						
		cansed by ? CA parallel pink Leolite Varies? Occasional speck -				×					
0 1095		Piak CA parallel Zcolite foir accompanied by calcute and	mor tea	I fleme to b	e						
2 (163		30cm highly fractural pink aplite Jellyun porphyny dyke									
Q 117.4		Pint Zeakle- calcite Vein 152 cm CA parallel.					_				_
0119.7	120?	Core asis parallel steer and firstroning with red Hermatity at	ps, and e	ducoure					<u> </u>		_
		Serieite								<u> </u>	
21217		Trace Jurgusis and Native Copper.				★					

DIAMOND DRILL LOG

PROJECT : <u>CV 5</u> D.D.H. NO.:<u>93CV5</u> - 4 Sheet <u>5</u> of <u>10</u>

IN	FERVAL	DESCRIPTION	A	LTERAT	ION			MI	ERALIZA	TION			ASSAY	3	
FROM	то		A	B	с р	FRAC		CP BN	PY MAG	Ca	SAMPLE	FROM	то	Cu	
121.9	7	Grans dionite becomes less altered to pristuice matics: @ 1248	drus	, Ok I	lem Xa	ls sim	XICM								
/2		White oplite kype 20cm, 50°CA.		<i>a</i> 5											
12	68	Ima ate - Service vein 10° CA with minor Native apper.								⊁	627602	1265	127.	45	
12	7.1	Fault. Rubbly core Lost Core 1.9 m.													
/															
127	0 1299	MEDUM GRAINED GRANDDIDRITE DYKE													
<u> </u>		Finer grain size and more leuco cratic grous dorite; about 12%,	2 1. 9	Lunu	Hon	Glan	de								
129	. 1676	CHATAWAY GRANG DIORITE													
/ 30	5 1309	Fault Zone with contorted fractures, slips and harran Agouge zones 450 c	A												
@13		2 cm Qtz Vein, white, 30°CA with strong sericite alteration and pend		par	envel	500-	Nome	harale	Lation						
@lb	· · · · ·	Mednine grained's grano diorite degke. fant faliation of mafic miner													
Ø3		10 cm print fellipper porphyny chyke 50° cA. 30 cm										i			
@13		Small fault 44 °CA. 10 cm, gouge, adjacent pink K-span, Epidet	e and	Serie	, Le										
@14	21	10 cm fine grained grandiante Syke 80° cA													
@14		Small foult 40°CA gouge, clay and sericite													
		Several CA parallel to 15° CA pink Zevicio - catule vains 2 to 41	nm -	varata	. 0	later	un a	l	Marrice	3 %	5 Inel	mes la			
p14		Fine grained granudionite dyke (05° CA.		1			J <i>ø</i>				1				
@145		Massive 3-5 finctures Im, coarse grained Chataway gransdivinte	A. It	14	5770%	40.0	hank	distre	buted .	nalie	21.5	m 4 1	brebler	de line	Langer 1
<u></u>	1	This is cut by a weak Zertite - Calate stockwark 4 to 6/m 30 and 1	60° C	A The	t cus	e 101	no er	vela	ninkin	na La	ur h	144 144 144		id or	cent
		for a few minior occurrences of Nature Copper as noted.									1-7-		<u>San A</u>	<u>-a</u>	<u>~p</u>
@ 149	3	Minor Native Cyper on 40°er Service-red Hematile Gracture								×					<u> </u>
@155	-¥	Whereas other fracture securiones of Nature Copper could be of Sup.							Lch	, , X	607603	155	15-17	75-	
@ 155		See Imm fauit Q+2 filled fractures with spondic Native Corner along					cein la	4.2 -00	n's jugho	Jone	627604			2 283	<u></u>

DIAMOND DRILL LOG

PROJECT : <u>Cvs</u> D.D.H. NO.:<u>93cvs</u>-4 Sheet <u>6</u> of <u>10</u>

IN	TERVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	1 то		ALTERATION	CP BN PY MAG Ce Cu	SAMPLE FROM TO Cu
@158	,3 161	Open space fractures with @te and minion Nature Copper - L	ate thysogene	¥	
<u>0159</u>	j.2	Ground Core - fall back material ?			
@ <i>164</i>	<i>4</i> 5 ⁻ .	Serverte fracture 20°CA NI Zon nink envelope Ksp x 1	Atime appen on fireture	₩	627605 1592 162 2528
e166	64	0.6 m dyke fine grained grandionite inapient Service a			
16	7.6 185	BETHLEAEM GRANODIORITE			
		Meduin grained with fining rained contest phase down	to shout 169.0		
	7.0	with 15% 2 to 3 mm to tal nea firs, manile Homblonde up		tib ·	
@173	5.0	Minor dissommated Noting Copper. No two Copper on Practice & diss emination		* *	627606 /72 175 321
@16	85	Pink 2 to 5 mm Zeolite Jens as week stock wask and pink	Kopa altachori ando un	nit Throughout	627607 175 178 306
@ (F		Dursy cauge to constalling quarty verilets very five quined in with	density of 2 to 3 per	m.	627608 178 181 407
@ 176		Disseminated Native Copper - More may be present thomasted		*	627609 181 18:3597
@ 17	69	Qtz-sericite Vein 31.59 mm, 10° CA. W/ xlatine Copper or c	with crystalline at and d	in Redite. X	627610 183 185 578
@18	3 184	Weak service adjustion and microfingturing - Natura			677611 185 187 465
@18		Chatenvary inclusion in Bardlelan, phone Nature Com			above serie to altand interva
- (627612 187 1894 49-
18	PS\$ 1894	CHATAWAY GRANODIORITE			627761 1899 190 286
:		Same coarse Chataway phase as above -167.6			
		Native Simemented copper still greentabet much less Th	an mit ortme . (except	near smell foult)	
@18	379	10 cm small foult 18° CA, Malachite with minion Chalcout	2	, *	
		D			
189	4 380.°	BETHLEHEN			
<u>k</u>		as 167,6 to 185, mussive 4 to 5 fractures line becomes	mariter		
÷ ·		below the contact and is cut by pink fracture stock was			

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93CVS</u> - 4 Sheet <u>7</u>of <u>10</u>

INT	ERVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS	
FROM	то		A B C D E	CP BN PY MAGCC	SAMPLE FROM TO Cu	
		of Zeolike, and sericite				
@ 190.0	/915	"Sheared, faulted section 60 to 74 °CA soft clay - Samute.			627613 190 193 332	
\$201	₽	Fault Zone 65 to 75° CA Soft gouge adjacent arelrock alter	ation O.S manay.		627762 193 196 334	
@202		Becomes courses grained, fresh mafies and mottled Kypon patches, m	\sim		627763 196 199 300	
@210	214	Week stochwark of pinking envelopes adjucent & quarter services	hortune and Zealets ve	11 35°CA - 2631	1 L	
		Open space for and cupits cup tellinie sports + Zedito 211.2, 212.0 to	214- Novisi 610 million	lization . Looks epitt	ermal.	
		Weak class afternation				
@ 215	1	Becomes meanine with shart intervals of meinfusture, Zeou	2 your space felling			
		and is unaltered Tombestone. 3 to Afrontures Im Poit olific			627614 212 214 325	
@228	<u></u>	5 cm foult 20°CA. gouge - breacie				
@ 230	235	Weak state whe same on 210 to 214, 65 to 20° CA. 22	5 / 10			
@ 244		Open space vein filling with clean Zeatite couptals? Sample for	<i>ID</i> .			
O 249	250	Short interval will b pink fractures In I care pink envelop	es:			
@248	4	Seriate - pick Zeolite - Calate Vein 27°CA 2cm envelope				
@754	₽ 	Same 27°CA.				
		Several 1 to 2 on dark gray make wich inclusions scattered three	rughput			
@ 259	ŧ	20cm fault Zore. 55 to 64° CH gonge of day - Acctonic	breccia			
@ 240	260	Unit is uniform and massive 2-5 fractures Im, characterized by	informily distributed no	fies		
	`	about 15% total 2 to 5 mm. (8% yourhland 7 % Brote te). We	the puliquit Kapar 's	to 71 cm patches ~ 0	? o %	
		often Liplays por kolitic habit in core. Sucheched Quarty is 140.	3 mm about 10 4 15%. 11	his unit may be a	Ledium grained	<u> </u>
)	3/38	fine then 1.85.40 189.4) Chataway groundiarite.	A			
@ 268.2	268.	fine them 1.85.40 189.4) Chesterway provediante . Moderate Compa park alteration, moties chloritheof due to servicite tilled functures 2500 Fractured section will goin space Zealite Verys, weak clay alteration	and Bounde Chelcou te min	undration ×	627615 268 269 193	
@270	· 270.4	Uneit grades into coarser phase with 466 mm Homblande and than	back inte predum grun	mel phone also a	1 267 over	
@2708		- Blocky cape in more fractured section with local shears and strong				

DIAMOND DRILL LOG

PROJECT : <u>CV S</u> D.D.H. NO.: <u>93CV</u>S - 4 Sheet <u></u><u>8</u> of <u>/0</u>

INTE	RVAL	DESCRIPTION	ALTERATION	NBIT	MINERALIZATION	T	ASSAYS	
FROM	то		A B C	D	CP BN PY MAG	SAMPLE FROM	то	Cu
274'	275	Fractured blacky may with several services epidete calate vin	lets 25°CA KSP	in nink alter	entiri			
275-					+ collock . No	mineralization		
, 280.3		Small fault 50° cA. clay - Suiscite - Caleite and some Zeolit						
281.3		10 to 20 cm wide foult up breccia, clay-sericite - Calcite 30	° cA					
283.2		10 em small fuit 35°ct with Seriate and Clay alteration						
283.	5-300	"Weak pixt Know envelope / protine and serie 1 +2 mm sto	buck Carp	ecturely 10-	15 and 40 cA)			
		Frequency 3 to 5 /m. Variation in stockwork intensity.	Service altera	tion neterin	to incremes new	frend shear	and 7	land
287.7		Small fault 90° CA Som wide.			1			
2949		Sto 10 may pink testite calente vin 30° cA. with local	pick Kspan a	welize.				
2958		queell fault 5 cm 95°CA		to 15	ch			
296'	2973	several irregalar red Hamatite slips and clay + Sino grannel 6	uccia CAp	nalla, -,	sinting Kappen	envalope.		
22805	-	2 mm pink Leolite Serinte Vein 55° cA 2 cm pink Kep. entrel			★			
300		Weak pink Kespan envelope stockwork gradually fades. Intru	orive displays co	anser more	eachedral Hon	ablande (Like	Roses	e phase
>		Unit is massive with 2 to 3 fractures / me						
» <u>305.</u> °	2	Joult Zne. growelly core.						
308	<u> </u>	Ian Quarty Sericite Vien with Chalcocite on mangins	30°CA. 5 cmp	ink Kopa	envelge *			
34.1		40° CA 10 cm shear up black inequem protings and mineral	Lenia					
3115		3 to 4 mm Oth - Serieite vein 22° CA. with Chalco ate and Bo	mite mergins		K X			
		5 cm pink K-span envelope.						
3149		25° CA 1to 2mm Qtz venilet with Chalcocite			×.			
		Massive Tombstone weck.						
7319.	7	Swall Sam intrusive breceia						
> 321 -	3	10f2 - Sericite Veinlet 25° CA with chalevaite in mongins						
3267		27° CA 263 mm Chalcocites Vanlet with week 3 cm Kapan				Best	eft	

 $\left(\right)$

DIAMOND DRILL LOG

PROJECT : <u>Cvs</u> D.D.H. NO.: <u>43Cvs</u>-4 Sheet <u>9</u> of <u>10</u>

INTERVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM TO		A B C D E	CP BN PY MAG CC	SAMPLE FROM TO Cu
n 330 ³	Imm Q+2-Sericite Vembet ay 1.5 cm pink Kop envelope 270 cA	41 Chaleveile and Bour te	X ¥	627616 329 332 390
0 33/2	Pint Q+2-Service verned shear with pinking and minor Chalcoc		* *	627617 332 335 77
<u>9330.</u>	Some as 331.2		×	
0 332.6	Imm at chalcocite semilet out by pit prochure 28°	A	<u> </u>	
<u>~ 330, 2 333</u>	Interval is more interesty por varive Societe and Kopon alt	end than elsewhere		
@ 334 ^Z	at Service focture 30° cA. Zom pick Kap. mulique - min	r chulorate	¥	
@ 334 7	Pink Zeolite Vein 30° CA.			
© 336. ⁹	Small shear with adjacent microportioning 75° cA 2/emati	te presant		
338.6	60°CA small fault with gauge			
2338 ⁸ 340°	Altered section print Kopar with variable reside and loca	Pomall shears 60°CA	Blocky Core.	
	Open space restite (clean) vendets criss-cross here and the			627619 354 ⁸ 355 ⁸ 45
<u>@ 344 </u>	Imm pink envelope veinlet with minior Bourite 21°CA		X	
<u>ə 351.5</u>	32° 2 to 4mm CB In Zarlito varilat with Chaleveille		<u> </u>	
33546	2 K3 mm 26° CA Of Sencite Verilet 1 cm Kspon envelop	e -Burnite, Chalucile	* *	
3535	Open space Zealite filled ango			
<u>a 358</u>	Several 25 to 35° CA pint morelypo firetures are present	but lack minereligate		
@362.	26°CA 1 mm Chalcocite veintet with no pink envelope		¥	627618 362 ³ 363 ³ 375
@363.7	Dame		¥	627764363.3364.8 6d
<u>@ 363.8</u> @2549 3558	12° cA cetz-Sericite gran vin with dcm pink Kspan anvelope			hogap 44
	grafe the present present of the	When the and red Herman The Slip	¥	627620 364836583294 1.8
03676	Small fault 40° CA grupe, dayoud breccia			627765 3658 368 131
-	Variably service altered sections (localyied to finctures) about			627766 368 371 9
10 .	Large fault Zone - Intersely sericite altered and variably - Fractured and variably weakly altered (chloritized metics and d			627767 3718 3748 72

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93 Cvs</u> -4, Sheet <u>10</u> of <u>10</u>

	INTER	WAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
	FROM	то		ALTERATION	CP BN PY MAGC	SAMPLE FROM TO Cu
	c 3764	380	Grandiosite is fractured 14 places and sheared with several.	80° CA minsfall slips		627768 374 378 7122
			Vanable priking by K-span altration	1	÷	627621 378 380 352
	<u>c 3782</u>		Chalcocite minor Bornite fracturel vamlet		X X	627622 300 383 159
and the second	0 3784		Minor chalcocite a Vein Margin		₩	627623 383 383 290
1						
	380 0	3830	FINE GRAINED GRANUDIORITE DYKE			
			Inegular liver cutact, upper contact SD° CA should.			
	63813		Trace culoscite up 200 ct. green service - Ofz venilet		×	
	@3829	2	Black grap hitic shering			
	3830	410.1	CHATAWAY GRANDDIDEITE Gradutional untest. MAIN	Rock Unit Dend.		
	@ 383	3838	Small fault with 70 to 80° CA		***	
	\$ 3843		Small 2 min Crulesci to filled Fracture 45°CA pink Ksper smuels	ye	У	
	@ 3 84 7		Some		y	
	@ 384		Green Qtz - Sericite Vein 20° CA - no mineralization			
	0 383	385	Modera to intensity Kapar pervasive alterativa.			
	6385		Below 385 massive groundwinte with occasional prints	envelope fortune (1 per 2	-B ~~ ·)	
			and open space clear Zeol, te Venlet's here and there : Fraction	re intervitures 2 to 4 pm	<u>u</u> ,	
	@ 3952		20°CA green at-Sericite Vein with pink Koyan envelope 1 cm - Chalcocit		×	627624 395 398 235
	@ 3965		CA powelled Vien some as 395.2		¥	
Ĺ	0 3974		Some as 3965		4	
	04057		1 cm green QTO - Service vern 20°CA cut by several functions - to	mineralization sing to	non envelope 3 cm.	
(04060	407	Several more 162 mm shinder verilet with weak Kapar en			
	@ 398		Grain sie variation in grandionite locally has expense			
	@410'		End of hole.	1		

HOLCVS04,XLS

Sample	FROM	то	Ag	Al	As	Ba	Be	Bi	Са	Cd	Co	Cr	Cu	Fe	Ga	Hg K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb Sc	: Sr	Ti	<u> T1</u>	U	v	<u> </u>
	m	m	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm r		ppm	%	· • • • • • • • • • • • • • • • • • • •	ppm					r	m ppm	%				Zn
627591	39.0	42.0	0.2	1.88	2	60	<0.5	<2	1.69	<0.5	7	51	233	2.08	<10	<1 0.1	3 10	0.60	245		0.08		570	2	<2 2		0.10	<10	ррш <10		ppm
627592	42.0	45.0	0.4	1.52	<2	80	<0.5	<2	1.62	<0.5	8	52	410	2.12	<10	<1 0.1		0.70	275		0.09	·····			$\frac{-2}{<2}$ 2	transferrer and the sector of the	0.10	<10	<10	73 68	28
627593	45.0	48.0	0.4	1.54	<2	90	< 0.5	<2	1.37	<0.5	7	60	519	2.19	<10	<1 0.2	2 10	0.63	245		0.07				$\frac{-2}{<2}$ 2	136	0.07	<10	<10		34
627594	57.0	60.0	0.2	1.82	<2	20	<0.5	<2	2.08	< 0.5	9	67	91	2.15	<10	<1 0.14	1 10	0.93	320		0.06	······································			$\frac{2}{<2}$ 3		$-\frac{0.11}{0.11}$	<10	<10	78 64	30
627595	60.0	63.0	0.4	1.70	2	60	<0.5	<2	1.74	<0.5	8	79	120	2.20	<10	<1 0.14	10	0.73	285		0.10			2	2 2		0.11	<10	<10	74	38 34
627596	63.0	66.0	0.2	1.81	<2	20	<0.5	<2	2.26	<0.5	8	69	93	2.11	<10	<1 0.1	. 10	0.81	305		0.07				$\frac{2}{<2}$ 3	56	0.12	<10	<10	70	34
627597	67.0	68.0	0.2	1.75	2	30	<0.5	<2	1.61	<0.5	7	71	68	2.03	<10	<1 0.10	10	0.62	270		0.10				$\frac{1}{2}$ 2		0.14	<10	<10	70	34
627598	75.0	77.0	0.2	2.08	4	10	<0.5	<2	2.08	<0.5	10	64	107	2.05	<10	<1 0.10	10	1.12	395		0.04				$\frac{1}{2}$ 4	59	0.09	<10	<10	58	
627599	77.0	79,0	0.2	1.61	<2	10	<0.5	<2	2.36	<0.5	10	90	40	2.12	<10	<1 0.12	10	1.02	395		0.06				<2 4	44	0.03	<10	<10	63	$\frac{46}{40}$
627600	79.0	82.0	0.2	1.79	<2	20	<0.5	<2	2.49	< 0.5	10	54	77	2.25	<10	<1 0.12	10	0.99	395		0.06			<2	2 5	54	0.07	<10	<10	67	40
627601	99.0	102.0	0.2	2.38	_ 2	20	0.5	<2	2.26	<0.5	9	67	78	2.04	<10	<1 0.1	10	0.88	340						<2 3	69	0.11	<10	<10	63	38
627602	126.5	127.5	0.2	1.58	<2	40	<0.5	<2	1.47	<0.5	7	82	65	1.95	<10	<1 0.13	10	0.71	290	·	0.09				<2 2	46	0.11	<10	<10	65	36
627603	155.0	157.0	0.2	1.56	<2	60	<0.5	<2	1.48	<0.5	7	106	75	2.22	<10	<1 0.17	10	0.62	255		0.11				<2 2	60	0.14	<10	<10	78	30
627604	157.0	159.0	0.2	1.84	<2	50 ·	<0.5	<2	1.63	<0.5	8	102	283	2.15	<10	<1 0.14	10	0.81	330	<1	0.11				<2 3		0.12	<10	<10	69	36
627605	159.2	162.2	0.4	1.23	<2	120	<0.5	<2	1.09	<0.5	7	98	528	2.16	<10	<1 0.25	10	0.63	255						<2 2	53	0.12	<10	<10	74	30
627606	172.0	175.0	0.4	2.06	4	80 -	<0.5	2	1.92	<0.5	9	92	321	2.39	10	<1 0.29	30	0.74	315		0.15				4 4	61	0.23	<10	<10	84	34
627607	175.0	178.0	0.8	1.84	2	80	<0.5	2	1.69	<0.5	9	110	306	2.50	10	<1 0.29	30	0.79	335		0.15	·			6 4	59	0.25	<10	<10	86	34
627608	178.0	181.0	0.4	1.60	18	110 ·	<0.5	4	1.39	<0.5	10	108	407	2.41	<10	<1 0.34	30	0.72	310		0.19				6 3	53	0.24	<10	<10	85	32
627609	181.0	183.0	0.4	1.74	<2	90	<0.5	4	1.58	<0.5	10	104	597	2.45	10	<1 0.32	30	0.73	305		0.15				6 3	48	0.23	<10	<10	82	32
627610	183.0	185.0	0.6	1.88	<2	60	<0.5	8	1.56	<0.5	11	98	518	2.46	10	<1 0.28	30	0.88	350		0.14				6 4	66	0.23	<10	<10	86	36
627611	185.0	187.0	0.6	1.49	<2		<0.5	4	1.28	<0.5	10	114	465	2.40	10	<1 0.28	30	0.79	320		0.14				4 4	44	0.23	<10	<10	84	32
627612	187.0	189.4	1.8	1.90	<2	60 ·	<0.5	4	3.17	<0.5	10	86	3841	2.29	20	<1 0.32	40	0.69	325						4 4	73	0.16	<10	<10	74	30
627761	189.0	190.0	<0.2	1.52	<2	110 •	<0.5	2	1.11	<0.5	6	92	286	2.03	<10	<1 0.23	<10	0.54	225	1 0	0.16				<2 2	96	0.14	<10	<10	74	24
627613	190.0	193.0	0.2	1.95	8		<0.5	4	1.99	<0.5	9	86	332 2	2.24	10	<1 0.22	30	0.61	300	<1	0.13				4 3	93	0.15	<10	<10	77	24
627762	193.0	196.0	<0.2	1.11	<2	90 •	<0.5	2	0.87	<0.5	7	69	334 2	2.06	<10	<1 0.21	<10	0.57	235	<1 (0.07				2 1	55	0.14	<10	<10	75	26
627763	196.0	199.0	<0.2	1.29	<2		<0.5	<2	0.97	<0.5	7	102	300 2	2.04	<10	<1 0.30	<10	0.54	230	<1 1	0.13	6 4			$\frac{-}{2}$ 1	101	0.13	<10	<10	74	24
627614	212.0	214.0	0.4	2.59	<2		<0.5	4	1.99	<0.5	9	74	325 2	2.26	10 .	<1 0.25	30	0.68	315	1 (0.20	7 5			6 4	190	0.21	<10	<10	85	26
627615	268.0	269.0	0.2	1.70	<2	· · · · ·	<0.5	<2	1.34	<0.5	8	108		2.37	10 .	<1 0.30	30	0.63	300	1 (0.19	10 5			2 3	83	0.24	<10	<10	86	22
627616	329.0	332.0	0.4	2.12	14		<0.5	<2	2.07	<0.5	11	105			10 .	<1 0.30	30	0.88	370	1 (0.18				2 6	62	0.22	<10	<10	92	30
627617	332.0	335.0	0.2	1.97	<2	·	<0.5	<2	1.82	<0.5	10	107	77 2	2.47	10 .	<1 0.28	30	0.76	330	1 (0.18	9 6	340 <	2	2 4	114	0.23	<10	<10	88	24
627619	354.8	355.8	0.4	2.16	12		<0.5	<2	1.62	<0.5	10	107			10 .	<1 0.32	30	0.76	335	1 (0.26	8 6		_	2 4	88	0.26	<10	<10	95	24
627618	362.3	363.3	0.4	1.47	<2		<0.5	<2	1.27	<0.5	10	101			10	<1 0.33	30	0.76	345	3 (0.19	11 6	660 <	2	4 4	56	0.25		<10	97	26
627764	363.3	364.8	<0.2	1.54	<2		<0.5		1.24	<0.5	8	68	66 2	2.12	<10 -	<1 0.19	<10	0.60	245	1 (0.11	8 5	540 <	2 <	2 2	79	0.14		<10	78	28
627620	364.8	365.8	1.8	2.24	<2		<0.5	4	3.99	<0.5	9	73	3294 1	1.93	10 -	<1 0.60	40	0.48	350	22 ().08	7 5	80 <		2 3	67	0.06		<10	54	28
627765	365.8	368.8	<0.2	1.41	<2		<0.5		1.56	<0.5	9	84	131 2			<1 0.16	<10	0.78	350	1 ().11	7 5	500 <	2 <	2 3	116	0.08		<10	66	34
627766	368.8	371.8	<0.2	1.03	<2		<0.5		4.98	<0.5	8	30	9 1	1.93 -	<10 <	<1 0.17	10	0.64	555	<1 0	0.04	8 5			2 3	62	< 0.01		<10	33	30
627767	371.8	374.8	<0.2	1.30	<2		<0.5		1.28	<0.5	7	71		1.98 <	<10 <	<1 0.16	<10	0.70	295	<1 0).11	8 5	10 <	2	2 2	77	0.12		<10	69	30
627768	374.8	378.0	<0.2	1.72	<2		<0.5		1.70	<0.5	8	47		2.12 <	<10	<1 0.15	10	0.79	320	2 0	0.11	8 5	20 <		2 2	106	0.08		·	67	34
627621	378.0	380.0	0.4	1.94	<2		<0.5		1.91	<0.5	11	92		2.49	10 <	<1 0.24	30	0.84	380	7 0	0.15	12 6	30 4		2 5	121	0.20			89	30
627622	380.0	383.0	0.2	2.27	<2		<0.5		1.69	<0.5	10	84	159 2	2.56	10 <	<1 0.25	30	0.83	400	1 0	0.17	9 6	20 8		2 5	169	0.20	·	<10	79	38
627623	383.0	385.0	0.4	2.27	<2		:0.5		2.24	<0.5	11	135	· · · · · · · · · · · · · · · · · · ·	2.65	10 <	<1 0.34	40	0.90	405	1 0).16 1	0 6	00 <	2 <	2 6	89	0.23		<10	90	38
627624	395.0	398.0	0.4	2.21	6	140 <	<0.5	<2	1.63	<0.5	10	95	235 2	2.44	10 <	<1 0.37	30	0.79	350	1 0).25	9 6	10 <	2 2	2 5	109	0.24				28

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DIAMOND DRILL SUMMARY

Project No. CVS Page / of 7

		SUMMARY LOG			ASS	AYS		Property.		1	
FROM	то		FROM	то	ppm Cu			Claim	· Rosco	G E ANOMALY	South
FROM		OVERBURDEN	48	51	369			Section	1020	= MUOMALT	EN
17.1	-	CHATAWAY GRANDISIORITE: faulted near the top; fuilts at 17.1-23,45-50°C		54	546			Date Star	tedSET	DT; 15, 199	3 N
		28.0-41.5 40-1,0°CA 47-47.9 5-15°CA 155-67 15°CA. Preader une annual	- 54	57	628			Date Fini	shed SEP	T 19, 199	3 D.
		chy and Service alteration between cosing and 64 mg with sporty chillowith	and born	te 60	457			Logged B	y <u>S.E</u>	NNS	S- OM
90.8	125.0	chay and Service alteration between coming and 64 m joi Th sporty chalands disterminations and protocols. FINE TO MEDIVM GRAINED BETHLEHEN GRAND SI ORITE	60	.63	544					AWAY LAKE LOZ	
		Uninenalized, except for minor specularite in sheared froctures a few	63	66					CORE SIZE		
		Roscoe grenodianito inclusions present.	69	69	384			FROM	то	SIZE	
125.0	2798	BETHLEHEM GRAND DIORITE					· · · ·	17.1	279.8	NQ	
		Becomes coarser grained, massive and below 134 m is an increase	193	196	41A-						
		in pink K-spar alteration envelopes on sericite, epidote and pink zeolet	218	221	293	·					
		Verilets. Sparse occurrences of Chalcocite and bornite are present on fraction		228	286	<u> </u>		TOTAL DEPT			
		with specularite 15+0 30°. A short interval (179.3 to 188.2) of alteration is		231	263			CORE RECOV		······································	
		characterised by 30% vallrock prich K spor adjacent to fractures of service 15to	· · · ·	245	76A			NORTHING	SDOON		
		and 20 % pervasive service, Minor specularite coated fractures 16° noted.	245	248	746		<u> </u>	ELEVATION BEARING	1457 n 270°	<u> </u>	
		Two more short attention intervals occur at 245 to 251 and 254 to 261 as	- 248	251	355	·		DIP REFERENCE	-60		
		pervasive pink K-spon and by epidote sericite frotheres, pink zeolite veins and	254	257	/171			L	DOWN HOI	R SURVEY	
		specularite fracture coatings which minis chalcouts and barmite as year		260	1239			FOOTAGE	DIP	AZIMUTH	
		copper minerelyation.	260	263	538			102.4m	-60°	280°Az	
		Two fault zones are present; 237.4 to 240.8 70-80° and 263.5 to 264.1						224.3	- 59/2	281'2A2	·
	·										•
		A total of 21.3 m of core was lost manch near the Jop of the hole in The fault	d								
		Zone. Lost 12.7 m of casing in the hole				<mark></mark> _				-	
				·	·						

DIAMOND DRILL LOG

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PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CV5</u> - 3 Sheet <u>2</u> of <u>7</u>

INTER	RVAL	DESCRIPTION	ALTERATION	LICISI NUSITI	MINERALIZATION	ASSAYS
FROM	TO		A B C D	FRACTUR	CP BN PY MAGCC	SAMPLE FROM TO Cu
0	17.1	CASING				
						1,27714 48 57 369
17.1	90.8	CHATAWAY GRANODIORITE				627715 51 54 546
		Blocky, soft inplaces, poor core recoveryto 42.0 m.				627716 54 57628
		Lost Core 2.9m 17.1-23.2				627717 57 60 457
		2.2m 23.2-26.2				627 718 60 63 544
		0-4 m 26.2-27.1				627 719 63 66 549
		12.8m 27.4-41.5				627720 66 69 384
		0.2 m 41.5-42-4				627721 69 72 146
		E 18.5 m lost between box, 1+2.7				627722 72 75 84
		Medium quined granodionite with 15% total matic conten	Flance 6 serieite	altered	adarath chlowite	
		Feldspars partially day alteral resulting in soft core. Fault				
0 17.4	23.2	Mostly soft clay gouge and bleacia 45 to 50 °CA as red Here.	tite slins		<u> </u>	<u> </u>
28.0		Fault Greecia and clay gauge 40 to 60 °CA on red Hematite				
		Unit cat by 1/2 to Icm pink Zeulite veinlets 10 to 40°CA; cut	h C. Bid car	il B	atures auduce	Very E- found , 144 an
·		Some Epidote veinlets				
\$ 47.0		Fullt Zone with gouge and breecia. Slips@ 5°t 15°CA				
o 48		Below 18.0 unit becomes harder, but is still highly fractured (10 to 15 G. T. T. Is) 🗸	ene short 2.1	
a 498		Small shear with calcite-Zeolite-Hernatite 96°CA.	The contraction of the	× 7	Sectories.	
~ 50-7		Small shear. 350 cA.				
		Zeolite - Calcitovenletor 25°CA.			, ,	
<u>e 50.8</u>				1.7	calcife	254,0001 14
		Alternate soft intervals are highly broken. by microfinetures	quashiall sheetsi	1144 -	culite velulets are	COMMON. > 5 TO LO CA- OTTEL
		red Hematite Moderate pervasive and functure controlled series	te allemation occu	urs yell	en 58 and 64.	и

DIAMOND DRILL LOG

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PROJECT : <u>CVS</u> D.D.H. NO.:<u>93Cv</u>5-3 Sheet <u>2.10f</u>7

INTE	RVAL	DESCRIPTION		AL	TER	ATI	ON		TURN VIET			м	INER/	LIZA	TION				ASSAY	s		
FROM	то		A		в	С		D	FRAC			CP B	NPY	IAG		SAMP	LE]	ROM	то	Cu		
47.1	651	Core is very blocky and difficult to log. Aroundionite is altered to	4 0	, er v	asiv	è																
		clay a stemption (grap Ric) and weak pervasive sericite " Kapan pinkin	ę 1)	p	بلدين	<u>.</u> +											see	shee	<u>t a</u>	for	50	mpl
		But variable . Kopm is caused mulicly by pink zeolite verning, but	ner	Vas	100																	erve
		alteration possibly related to an event predating day alteration	act	Lor	<u>s</u>	ъ b	e															
		alteration possibly related to an event predating day alteration present. Minimulization as chalcouite with subordinato bornite o	ccu	15	1.5	Q /	ۍ ج															
		mm irregularly shaped patches (possibly matric mineral replace	men.	4)	the	f.	6 C															
		randomly stattered is the blocky cure, and as 1 to 4 min This fruce	Lure	f.	1/14	<u>9</u> 5	5	3 Fu	60	۰с	4.											
		Examples are at: 49.3 55°CA, 50, 53°CA Ho3 mm chelcocite	, <i>5</i> e	v er	<u> </u>	n	the	1	e T	we	m											
		55.7 and 55.8, 56.4, 57.8. Stuttened occ	m	nu.		m	be	tra	Seed	1 d	m											
		the hole as far as 71 m.																				
																				-		
																-						
	i																					
												-				-						

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93cVS</u>-3 Sheet <u>3</u> of <u>7</u>

INTE	RVAL	DESCRIPTION			RATIO		TURE	MINERALIZATIO	N .	ASSA	YS	
FROM	то		A	SeR. B	CLA C	۶ D	FRACTUR	CP BN PY MAG	SAMPLE FRO	M TO	Cu	
@655	67.0	FaultZone 15°CA 3cm Calcite Kspan Vering red Homa t.t.	- 5/,	25								
		5 to 25°CA. Lost core O.6m @66.8.			1							
		Lost Care O. Sm @ 68.9				20	1					
		Blocky Cre 69.2 to 73.2.										
	-	Granudurite becomes harder and less altered below 65.0.,6	uti		/	20						
1		still cut by pink Zeolite - Calcite visulete (1to 2/m) 50 to 60	сA									
@75.7		Small fault Steccia and Sericite - Clay, altered rock.				27	,					
0760	7	Shull fault som same as 75.7		l.								
@ 78.	5	Pink aplite Lyke 15cm. 75°CA.				2						
@ 78.9		Small fault breccia and gouge red Hamatite gouge 35 and be	o ca	\mathbf{N}			-					
@ 80.5		Small fault 53° slip and slicken side Surface				4						
@ \$3.Z		Small fault breecia										
		Small fault breecie. Occasional pink Zeolitepreinlet and green sericite filled very Sericite and minute for the series			É.							
		Sericite on microfractures common		\square	[]			 _				
@ 845	93.4	Blocky core			/	4	8					
@90.3	90.8	Fault Zone clay, red Hamatite. Sericite, breccia Lost	Gre Z	341								
				$\langle \rangle$		يرم	2					
90.8	279.8	BETHLEHEM GRANODIORITE.							-			
		Fine Tumedium quained with 15to 16% Ito 3mm matics (How blend	e do	ning	+)	51						
		and uniformly distributed + Massive 4tos fractiones / m where go	od	1								
		coring. Long & Icm poikilitie Kespar Xals Chatawar or Beth	lehen	ash	ase	2						
@ 98.4		30 cm shear me - contacted, sheared section with irregular.	slips	61								
		Sericite and Chlorite and minor Specularite.	1				1					
					Τ							

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DIAMOND DRILL LOG

PROJECT : CUSD.D.H. NO.: $93CVS^{-3}$ Sheet 4_of 7_

IN	TERVAL	DESCRIPTION	ALTERATION	TORO NSIT	MINERALIZATION		ASSAYS	
FROM	то		A B C D	INTENSI	CP BN PY MAG CC	SAMPLE FROM	TO Cu	2
0107	· 107	Shortinterval of intrusion breccia subrounded clusts of comp	ssition equal to					
		wullback. mus to I cu. grade twial upper contact, shings/ower	crutect.					
		2.5 cm Spidote - Atz Vein with San pink Wallrock envelope						
<u>) @111.</u>	3	Roscoe gransdissite inclusion						
@114	3 116'	Several core axis perallel. "Ean veinlets of pink Kspar. Gacent w	all tock Chlonite a	nd Epido	de alteres Mino	4 Calcite.		
		Unit becomes courses grained below 105m and contains b					Flightly !	mothed by
		Pink Zeolite-Calcite veinlets with pink envelopes 25 to 30°CA.			L	pink 10 ,		
@125	.9	Betow 125 unit has distinct mottled pink appearance and bimodol						
		and is messive with 5to7 fractures Im. Similar to phase at bot			of 1- 2mm groom	auphiboles.	5 +06%.	
		Sparse pink Ecolite veinlets 25+0350 CA, some with green Immulein Geo 1 to Somwider				,		
d 34	6	Gradual increase in pink Kapat alteration as envelopes. On spic	lota, Sericite an	d Pint 200	lite veinlets.	627568 135	138 Z	8
		Possible weak mineralization Chalcacite and Bornite at 135			*	627568 140	143 19	/
		at 141.			5			
		Zeolite verillets 30 to 37°CA. I cm wide		calcite				
@ 155	4 157.4	Short internal of pink Kspan pervasive, sensite with Epiclot	e and nuck Zeoli	6 Averulets	ZO°CA-			
@160		Several 1/2 cm pink Zeolite-Calcite Veins @ 20 to 25 CA can						
016		Same.				627570 161	167 18	,g
0164		Imm Of 2 fracture with Hematile and winor Barnite, possible	Chalcocife 3	s°cA.	* *			
0169	2	Small shear and sericitization of wellback. 20°CA						
@ 170	3	Small Series te shear 20°CA / convide and adjacent igneous breccia						
0173		Sheared zone with igneous breacie 30 cm wide and numerous su		it Severa	2 .	127571 1725	175.5 110	9
		pink envelope altered fortunes lam to 5 an wide						
@175	9	Short interval ignens breccia						
6179.		Intervel contains about 20% wallrock K-spac pink alteration also	· + + 6. F.	.,				

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93CVS</u>-3 Sheet <u>5</u> of <u>7</u>

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п	NTERVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FRO	и то		ALTERATION Rink Ser B C D E	CP BN PY MAGCC	SAMPLE FROM TO Cu
		service, 1.t.2 mm and prick Bealst. 2 to 3 ma. 15 t. 20° CA. Abo	st 20% Serieste		627572 179 182 96
		in This interval as provasive and fucture controllad. Mitton			627573182 185 174
		No visible mitteratization	CiR4 DHIC 177		627574185 188195
·/92	.7 1.95-	Several mineralized fractures of 142 mm Qte - Seriete W	ith pinte 178		
		envelope K-span; Speculante, Chalcoute?) minor Bom			
		@ 192-6	A 183	* *	- Mo Ma
		@ 184.12	AA	★ ★	•
		@ 1952 @ 205 Bornite in frontine 15°CA	181	* *	
e २०	1 200	i uniformily undered groundisrite with few pint envelopes		*	627575 190 193 231
@209		Vanibly attered granodivite interval. Cut by Sencite	vernlets 184		627576 193 196 464
	*	15°CAto 25°CA. with adjacent pervasive pink Kaspar alter			627577 196 189 107 - 700
		Mosthy blucky core.		7	627578 218 221 293
@212	.5 237.7	Phase becomes less altered. Mainly / famm green Se	unite [627723 221 223 158
		fractures with mile K-spor alteration envelopes 1 to 3 cm	wide [] []		627 579 223 224 218
		with cA 10230°. Minor Specular Hematite along			627724 224 227 213
		rescond forture. Fracture Leurity 5to 2/m . Fresht			627580 227 228 286
ad	9 5-	Pink 3 to 4 mm Zeolito milet with specularite and m	110	¥	627725 228 230 142
		Bornite. 2 cm prich alterhing anvelope 17° CA.			627590 230 231 263 -
@22	3.5	25° CA. Fracture with put redite Spechlarite and Chalesci		100	627726 231 233 179
@22		25° CA. Serieste forture with muior Specularite and Ch		+	627 581 2355 236. 413
1023	-	15° CA Calcile Hemotite 2 mm Vain with minor Spece	lewite and the low to sce 1912	in a second and a s	627 728 236 237, 224
0-0-0		Kspar and Service anvelope.			627727 233 235.5 147
		Roscol phase inclusions at 230.9, 231.8			print all an ITT
@ 23	<u></u>	10° cA. 2mm Ob - Serieste Veen with Semprik envelope -	cl a. 27	*	2322 22 44

DIAMOND DRILL LOG

PROJECT : <u>CV5</u> D.D.H. NO.: <u>93CV5</u>-3 Sheet <u>6</u> of <u>7</u>

INTER	WAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то	/ / /	ALTERATION PIAN Ser Chl. KANCH B C D	CP BN PY MAGC	SAMPLE FROM TO Cu
2374	240.8	Fault Zone - Crushed, sheared and lineccisted - goinge	140		627582 237.5 239.5 204
		Slips 70 to 85° CA, some CA parallel Servete - Clay slips	with	NUTE: 627583 NOT TAKEN	627 729 239.5 242 288
		minin Alematite . Parts look Kapar fooded with interese Serve	eite. 142		627534 242 245 764
@ 241.	251	Blocky are betwe foult - highly firstured - 15 finatures /	~ 30 to 45°CA		627585 245 248 746
*	·	Epidote - Seriate - Chlorite red and Specalar Hematite an	common to fire		627586 298 251 355
0245	251	Pervasivent spar alteration intouse. Cut by numerous Sericite		¥_≸	627 730 251 254 102
		I Epidote fractures 25to 35°CA. and several pink zeoliteveins			
,		Homatite (red) and Specularite commonly present with minor			
		Chalcocite and possible mine Masz? (both fine grained mixture	2/ 148		627587 254 257 1171
		with Specularite) Trace Bonnite present. Sericitized matics			627538 257 260 1239
@250.1		Smull Lan Fault: 18°CA.	11 100		627589 260 263 538
@254.5	£le (Pervasive, less intense Kapan alteration interval -variable. Also	71	¥.	627731 263 266 631
		variably Sericite altered as fractures and pervasive Cut by Ina	252		627732266 269 146
		Specularite, minor Chilcocite mineralization fructures. 6 to 7/m. The	mghout		
0259?7	2603	Soft crushed sheared zone. as some 1+02 cm going 30°CA.	251		
		Becomes massive, unaltered less block g below 261 to 20	3		
<u>= 263</u>		Fault zone - 5 onge and breccia	1 2 17		
0264!	246.5	Blocky one Slight pervesive pinking and high			
		fracture dans, by 10 to 15. Im . Epidsto - Servite fractures 30 p	50°C4 200		
02673	2690	Similarto 2641 Ky 266 - Minor Shening	11		
0 269.0		Cove becomes massive, less hocting + attend below 269.	1 260		
		with accasional pink envelope altered fractures and dtz-	1 1		
3	· /	grien Sericite Veins 10°CA.	97.7		
y"					

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93cVS</u>-3 Sheet <u>7</u> of <u>7</u>

	End of hole. DEST core was total of 21.3 m 100% - (21.3 × 100)= 92.4% Recovery. 279.3 Lost 140 ft of Casing on pulling off. Casing was ished Lown to that depth to allowate poor ground relitions in upper part of hole. Rods Gegen whipping badly pund 700 ft. To continue hole to greater depth would have wired reducing to BQ.	Xiti		}	- 26			BN P	Y MAG		FROM	<u> </u>	Cu		
					2	4									
		ATT ATT			2	"									
L	pst core was total of 21.3 m 100% - (21.3 × 100)= 92.4% Recovery 279.3 host 140 ft of Casing on pulling off Casing was clad by dettat charts to address of the casing was				,2	.د									
/	pst core was total of 21.3 m 100% - (21.3 × 100)= 92.4% Recovery 279.3 host 140 ft of Casing on pulling off Casing was host 140 ft of Casing on pulling off Casing was			/				1		_					-
p. con	100% - (21.3 ×100)= 92.4% Recovery. 279.3 host 140 ft of Casing on pulling off. Casing was		1												
p.u. con	host 140 ft of casing on pulling off Casing was	0	7		 1	(.X									
p.	host 140 ft of casing on pulling off Casing was														
p. L Con	ched by that charts to allow to anal around		1		4	70									
con	13×124 and 70×100 000×110					°									
	iditions in upper part of hole. Rods Gerra whinning badly				7	7.2									
ah	aund 700 ft. To continue hole to greater death would have														
Fer	wited reducing to BQ.														
0	,														
											-			<u> </u>	
		_													
										-					
										 -				<u> </u>	
										 +					—
										 -					

HOLCVS03.XLS

Sample	FROM	TO	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Gr	Cu	Fe	Ga H	5 K	La	Mg	Min	Mo	Na	Ni	P	Pb	Sb S	Sc	Sr	Ti	n	U	v	
007500	m 125.0	<u>m</u>	ppm	%	ppm	++	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm pp	n %	ppm	%	ppm	ppm	%	ppm			pmp		pm	%	ppm	<u>├───</u>		Zn
627568 627569	135.0 140.0	138.0	0.2	1.31	4	80	< 0.5	<2	1.09	< 0.5	7	76		2.16	<10 <1	0.22	10	0.60	280	<1	0.11	7	590	<2			66	0.12	<10	<10	70	ppm 34
627570	140.0	143.0 167.0	0.2	1.25	<2	60		<2	1.03	<0.5	6	73		2.00	<10 <1	0.18	10	0.54	260	<1	0.15	5	540	<2			60	0.10	<10	<10	64	32
627571	172.5	175.5	0.2	0.94	2	40	<0.5	<2	0.79	< 0.5	6	70		1.79	<10 <1		10	0.51	240	<1	0.08	5	430	2			29	0.09	<10	<10	57	32
627572	179.0	182.0	0.2	1.22	<2	40	<0.5	<2	0.98	<0.5	6	50		1.81	<10 <1		10	0.54	255	<1	0.10	5	470	2	<2	2 :	58	0.08	<10	<10	56	32
627573	182.0	185.0	0.2	1.52	<2	50 40	<0.5	<2 <2	1.17	<0.5	6	55		1.93	<10 <1		10	0.57	270	<1	0.09	5	440	2	<2	2 !	59	0.08	<10	<10	53	34
627574	185.0	188.0	0.2	1.78	<2	40	< 0.5	<2 <2	<u>1.41</u> 1.47	<0.5	7	69		1.90	<10 <1		10	0.62	280	1	0.10	7	480	2	<2	2 5	59	0.10	<10	<10	58	34
627575	190.0	193.0	0.2	1.10	2	80	<0.5	<2	0.93	< 0.5	6	50 81		1.81	<10 <1		10	0.61	270		0.09	5	470	2	<2	2 5	50	0.09	<10	<10	55	32
627576	193.0	196.0	0.2	1.17	<2	90	< 0.5	<2	0.92	< 0.5	6	88		1.92	<10 <1		10	0.49	230		0.09	6	470		E		35	0.12	<10	<10	63	28
627577	196.0	199.0	0.2	0.95	<2	100	< 0.5	<2	0.79	< 0.5	5	84		L.90 L.88	<10 <1 <10 <1	0.21	10	0.49	230		0.10	6	450		<2		40	0.12	<10	<10	62	32
627578	218.0	221.0	0.2	1.22	<2	80	< 0.5	<2	1.03	< 0.5	7	89		2.00	<10 <1 <10 <1	0.21	10	0.47	215		0.09	6	460		<2	_	33	0.12	<10	<10	61	26
627579	223.0	224.0	0.2	0.98	<2	120	<0.5	2	0.75	< 0.5	6	87		2.04	<10 <1	0.23	10	0.58 0.53	265 250		0.13		490					0.12	<10	<10	65	32
627580	227.0	228.0	0.2	1.06	<2	140	<0.5	<2	0.72	< 0.5	6	97		2.01	<10 <1		10	0.53	250	~~~ <u>+</u> ···	0.12	6	480		<2 1		15	0.12	<10		65	30
627581	235.5	236,5	0.2	1.28	4	50	< 0.5	2	1.18	< 0.5	7	78		.93	<10 <1		10	0.55	275		0.14	6	470		<2 2			0.12	<10	<10	64	32
627582	237.5	239.5	0.2	1.06	<2	50	<0.5	<2	2.57	<0.5	7	104		.77	<10 <1	0.22	10	0.61	340		0.05	7	480 470				38	0.12	<10	<10	59	32
627584	242.0	245.0	0.4	0.88	<2	40	<0.5	<2	1.04	<0.5	7	67		.97	<10 <1		10	0.60	255		0.03	6	4/0		<2 2			< 0.01	<10		41	34
627585	245.0	248.0	0.4	1.10	<2	40	<0.5	<2	1.55	<0.5	7	69		.98	<10 <1	0.15	10	0.68	295		0.07	7	490	L_	<2 2 <2 3	_		0.06	<10		55	28
627586	248.0	251.0	0.2	1.19	<2	40	<0.5	<2	1.50	< 0.5	7	69	355 1	.90	<10 <1		10	0.58	285		0.07	6	460		<2 2	_		0.04	<10		· · · · · · · · · · · · · · · · · · ·	34
627587	254.0	257.0	0.6	1.16	2	60	<0.5	<2	1.23	<0.5	7	74	1171 2	.02	<10 <1	0.15	10	0.65	265		0.11		470		$\frac{2}{2}$ 2			0.06	<10		~	30
627588	257.0	260.0	0.6	1.08	<2		<0.5	<2	1.68	<0.5	7	69	1239 1	.96	<10 <1	0.17	10	0.63	275		0.06		480	·	<2 2			0.08	<10 <10			28
627589	260.0	263.0	0.4	1.01	4		<0.5	<2	1.30	<0.5	7	73	538 1	.94	<10 <1	0.15	10	0.60	275		0.08				2 2			0.00	<10			32
627590	230.0	231.0	0.2	1.08	<2.		<0.5		0.99	<0.5	7	74		.87	<10 <1	0.17	10	0.58	270	·	0.09				<2 2			0.10	<10			30
627714 627715	48.0	51.0	<0.2	1.54	2		<0.5		2.17	< 0.5	7	114		.96	<10 <1	0.21	<10	0.70	335	1	0.09		470		<2 3			0.11	<10			34 34
627716	51.0 54.0	54.0	<0.2	1.53	<2		<0.5		1.49	<0.5	8	102		.07	<10 <1	0.20	<10	0.71	325	1	0.12				<2 3			0.12	<10			38
627717	57.0	57.0 60.0	<0.2	1.43	<2		<0.5		1.53	<0.5	7	97		.97	<10 <1	0.18	<10	0.60	275	2	0.13	6			2 2			0.12	<10			28
627718	60.0	63.0	<0.2	2.01	<2		<0.5		2.46	< 0.5	8	101		.92	<10 <1	0.20		0.75	335	1	0.10	5	490	2	2 3	5		0.11	<10			32
627719	63.0	66.0	<0.2	1.78 1.60	<2		<0.5		2.01	< 0.5	8	76		.89	<10 <1	0.17	<10	0.70	310	1	0.10	6	470	<2	2 3	5						30
627720	66.0	69.0	<0.2	1.83	<2		<u><0.5</u> <0.5 (2.15	<0.5	7	132		.97	<10 <1	0.27		0.61		<1	0.13	6	480	<2 <	2 2	10	02 1	0.11				30
627721	69.0	72.0	<0.2	2.05	<2		<0.5		2.04	<0.5		112		.93	10 <1	0.22		0.66	300	1 (0.10	5 4	460	<2	2 3	50	0 1	0.09			·····	32
627722	72.0	75.0	<0.2	1.70	<2		<0.5		2.00	<0.5 <0.5	7	113		.85	10 <1	0.19	the second se	0.63			0.12		130	<2	4 3	6	3 (0.13	<10			28
627723	221.0	223.0	······	0.99	<2		<0.5		0.75	<0.5		115 158		.77	10 <1	0.20		0.57	270		0.10			<2	2 3	13	35 (0.11	<10	<10	59	26
627724	224.0		<0.2	1.00	2		<0.5		0.76	<0.5	6	129		.23	<10 <1 <10 <1	0.32		0.57	270		0.16				2 2	48	8 (0.14	<10	<10	76	28
627725	228.0			0.94	<2		<0.5		0.62	<0.5	6	168		.91		0.28	<10	0.48).13				2 1	5		0.11	<10	<10	64	28
627726	231.0	233.0		0.97	<2		<0.5		0.71	<0.5		135	······································	.94		0.35	<10	0.50	240).15				2 1	61		0.11	<10	<10	64	30
627727	233.0			1.08	<2		<0.5		0.85	<0.5		147		.03	<10 <1 <10 <1	0.23		0.47).12				$\frac{2}{1}$	44				<10	60	26
627728	236.5			1.04	<2		<0.5		1.31	<0.5	_	121		92	<10 <1	0.25	<10 <10	0.50).14				$\frac{2}{1}$	38					64 2	28
627729	239.5	242.0	<0.2	1.07	<2		<0.5		1.74	<0.5		119	288 1.		<10 <1	0.19		0.64	300 300).10				$\frac{2}{3}$	35					60	32
627730	251.0	254.0		1.04	<2		<0.5		0.99	<0.5		128		96	<10 <1	0.17		0.04).09			·····	$\frac{2}{2}$ 3	38						30
627731	263.0	266.0	0.2	1.51	<2	60	<0.5		1.64	<0.5		115		99	<10 <1	0.19		0.55).11).11				$\frac{2}{2}$ $\frac{2}{2}$	45						22
627732	266.0	269.0	<0.2	1.39	<2	70 -	<0.5	4	1.34	<0.5		117	146 1.		<10 <1	0.13		0.65	275					$\frac{2}{1}$		84						30
										l.				<u> </u>						* U	.14	<u> </u>	00	1 <	2 2	65	<u>, 10</u>).11	<10	<10 6	64 3	34

AUCUMO	Resources Ltd.
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Note: Cu: hative copper	Bu= bornite Cp = chalcopy iite
Cc = chalcocite DIAMOND I	ORILL SUMMARY

CA = core axis angle

		SUMMARY LOG			ASS	AYS		
FROM	то		FROM	то	Ppm Ca			
0	9.2	OVERBURDEN				·	ļ	
9.2	142.0	BORNITE BORNITE						
		Weak fracture controlled inimerely ation 14-60 m 14 1-2 mm Otz-Service verilets 4	iH 18	21	1256			
		piùle K-sprienvelsper 20-35°CA	24	27	526		<u> </u>	
142.0	179.0	ROSCOE GRANDDIORITE	39.	42	296		<u> </u>	
		Faulted upper contact. Weak frecture controlled bornite mineralization 142-159 m	1: 142	145	656		<u> </u>	
		1-2mm pink K=spar onvelope Gractures 20-30°CA. Strongest K-spar alteration		147	264			
		in 146-169m	156	159	472			
179.0	216°	HYBRID - CHATAWAY AND ROSCOE PHOSES					*	
		with several short Roscie grano dissite intervals, some of tock may also be						
		Bethlehend phase. Unmineralized.						
16.0	2265	ROSCOE GRANDDIORITE				·		
	-	Unmineralized						
226.5	274.3	BETHLEHEM (3 GRANDDIORITE		1				
		with short Rosese interval. Ummineralized						
		Fault 70-75°CA, 239-241m.						
		х 						
	:							
	1							

Project No. _____S Hole No. 93CV5-2 Page / of 9 y CVS CVS 5 ROSCOE ANOMALY SOUTH END arted <u>SEPT. 12, 1993 N</u> nished SEPT. 15, 1993 D. S-Cours. By S. ENNS ctor ATLAS DRILLING, KAMLOOPS ored At CHATAWAY LAKE LODGE CAMPSITE CORE SIZE то SIZE NQ 274,3 COVERY +99% 1481m 090 Az N. -600 CE DOWN HOLE SURVEY AZIMUTH DIP -58 34 088°A2 -584 094°Az

DIAMOND DRILL LOG

PROJECT : <u>VS</u> D.D.H. NO.: <u>VS</u> Sheet <u>2</u> of <u>9</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		ALTERATION 52 A B C D 22	CP BN PY MAG	SAMPLE FROM TO Cu
0	9.2	OVERBURDEN			
9.2	142,0	CHATAWAY GRANODIORITE.			
		Medium quained, uniform matic distribution (Hornblande .	burnant)-very fresh		627504 12 15 281
		About 18%, 2to 4mm Hornblende. Large > 1cm poikolitic K-			627502 15 18 14
		Fracturing averages 6to7 /m.			6 = 7503 18 21 1256
		Occasional blenched fracture less than 2/m. with red Zeal	ite on frectures.	N N	627504 21 24 161
14.0	14.6	1Blocky Core			627505 24 27 526
19.5	20,0	\mathbf{J}			627576 27 30 71
19.0		Malechife (faint) plus Chrysocolla with minor Boanile on fracti	THIS GOOCA	*	
15.3		Sepicite altered very with minin Malachite.			
19.8		Minon Malacite with Imm 8/2 Jeinlet			
21.0		Ot vinlet with minin Bornite 25° cA.		¥	
22.1		Minin Malachite on fractions 33° cA			
24.0	24,4	Sheaved and breecisted section with minor Matachite.			
25					
25.5		small fault with Bornite 25° CA. 2 Com wide.		*	
,26.3		Small fault with Hematitic slips 35° cA. Icm wide			
27.0		Small fault 4 an wide 25°CA.			
291		small faret up Te CO2 comented breceia 25° CA. rel Hems	lip. Malachite on		
		margin Propylitie alteration envelope locm wide.			
30.°		Zom famet 44° CA.			
31.7		2 mm hacture with famil Malachite and minion Bornite 25	-0 - A	*	
31.9		Same 28° CA.		X	

@ 32.4 Same 25°CA.

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DIAMOND DRILL LOG

PROJECT : <u>CvS</u> D.D.H. NO.: <u>93cvS</u>-2 Sheet <u>3</u> of <u>9</u>

	INTERVAL	L	DESCRIPTION	A	TERAT	ION	FRACTURE		MIN	ERALIZATI	ON			ASSAYS	3	
FR	ROM T	ro		A	в (D	INTER OF		CP BN 1	Y MAG	SAM	PLE FR	ОМ	TO	Cu	
2	349		Same 70°CA													
e_	364		Some 20° CA.													
@ 3	38.7		Small shear 75° CA with Malachite.								62	7507	30	33	135	
P	38.9		Malachite, faint linionite fucture after Chulcopyrite? 305 ct						¥.3		627	508	33	36	79	
@	39.2		1 mm ventet with faint Malachite and Experite (?) (minin) 30° c								627	509	36	39	233	
			Adjacant red Hematite slip 80° CA.								627	570	39	42	296	
@ 4	41.°		I cm veni of puik Fe Cog / chlorite with pink I'm envelope Mension	Mala	site.	3o°c	^				627	511	42	45	55	
@ 4	110	44°	Dursy Otz - Gypsum venilets as coarse stock work.								627	572	45	48	66	
04	164		2mm. Ot 2 - Serieito Verilet 30° CA with 2cm onvelope of Ep.	dote -	Kspa	<u>r</u>			×		627	573	<i>4</i> 8	51	97	
			alteration, Bornite accompancées Veinlet								627	574	51	54	54	
@40	a.4		Same 35°CA								627	575	54	57	127	
@ <i>5</i> 0	5.6 9	5/.4	Strong penasive Epidote alteration feetlomatite slip at 51.4 w/	35° c4	•						627	516	57	60	64	
-	2.0		1 mm Cltz-Senirile veri with Malachile - Bornite punk, Ksp-Epidote	alter	ation	envel	0 pe, 3	5°2A	×							
0	53'	·	Some without conspicuous alteration envelope 28.°CA.						×							
0 ⁴	554		Imm @tz-Sericite yein with I can pink Kep alteration envelope	35°0	<u> </u>											
@ <i>5</i>			2mm Otz-Sericite vendets al some alteration envelopes. u/ Be	mite	30°	сл			×	<u>6</u>						
@ 5	56.7		>		25	°cA			¥							
@ S	<u>58'° (</u>	r .	some 35° cA. cut by 25° CA / cm small fault						*							
05	57.5 61	1,0	Roch is softer due to, clay attered Feldspars from numerou	s çmu	<u>el Fan</u>	the.										
@ 5		587	Short interval of intrusion breceia													
<u>@</u> 5	38		2 cm fault with gauge 23°CA.									<u> </u>				
@	60.		Small fault with day goinge with minor Maluchite													
@	634		10 cm fault zne wi tectonic breccia and gouge 40°CA													
ଢ (63.7		5 cm fault zue -some 60° CA.													

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93CVS</u>-2 Sheet <u>4</u> of <u>9</u>

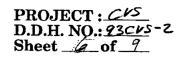
INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		ALTERATION	CP BN PY MAG	SAMPLE FROM TO Cu
@ 63.9	67.	6 Pink envelope Qt2 vinlets 55 to 60°CA.			
0610	67	Minin short sections of Qtz - Sericite-Anhychite? I vinlet	s to weat		
G (Stockwork development 1			
@70		Small 3 cm shear 60° CA.			
@720	79	Similar to 61 to 67 Ot - Serieito weak quy 1- 24 4 vein	stockcjort.		
@76.5		Imm Ot verilet with faint Malachite.			
@ 79.3	797	Short section of weak pervasive Epidote - Chlorite alteration with severa	I vuggy cavities and		
		Hematite - Chy slip 76°CA.			
@70	95	Rock is generally unaffered with faw prak eavelupe verilet alterate	04.		
@ 86.8		10cm fault with gouge and breacia			
@90.2		Imm hacture with pink envelope and minn Bornite - faint Mal	uchite 70°CA,	*	
eg 0.3		Scm Lault. 65°CA. gouge+bleccia			
@91.0		5 cm fault 45° CA gouge and breacia			
@94.6	117.5	Interval is predominantly Chataway granodiorite with uniter	my distributed 17/0/82	<u> </u>	
		2t. 4mm Humblende and Bistite in subequal amounts;			
		Horn blende, usually Horn blende predominites, Large paikalite			
		visible hero and there. Interval is barren of significant min		{	
		envelope alteration replets and frectures throughout, but frequence exception-114 where slight increase in pick envelope fracture accurs. a average a Fracture density averages 5 to 6 perme. Sparse, 91	ey Inn Anhyde to - Q12 U	em le ks	
100.7		Faulted Section with 3 Sto Dem Lun Hs with burcia and			
		Kspar dykolet faulted in? 5 cm wide.	v		
1019	106.0	Breccia Section. Sub angular clasts 2mm to 10 cm in que	, compact, committed m	Hix,	
		Clasts = adjacent, well Bock, Upper contact gradational; Lowercontec	1 sharp at 58°. Red, con	They Hernatito Slip Q11	5.2 31° cA
9110.9		Faint Malachite after Bornite on Hericatite -Chlorite slip SD=		´ ¥	

DIAMOND DRILL LOG

PROJECT : <u>*Cvs*</u> D.D.H. NO.:<u>93Cv</u>5-2 Sheet <u>5</u> of <u>9</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION		ASSAYS	
FROM	то		ALTERATION	CP BN PY MAG CC	SAMPLE FROM	TO C	a
@ 1159		San faultwith gouge and breacia 640 QA.					
0 1175	140.	Similar to interval 94.6 - 117.5 except for slight increase in to	tel motic content				
		to 19 or 20% and more conspicuous presence of pink K-spat. P.	nt and oreenish alterate	04			
		envelopes due to KSpan-Epidotes attention become more pronou	need Exeguency of Thes	e			
		is 1 to 3 fm. Veinlets are unmineralized. Increasing amount of Se					
2/30.°		Broken core with Hematite and Clay gouge Fault zone					
@ 133°		Brecciated Icm veris with red Hematite - Clay and broken Otz	lo° cA				
D132	139	Subinterval with higher fracture density. 6 to 8 /m.					
@134 ³		Small slip 400 CA Clay -Hematite - Chlonito.					
@ 135		Contouted mich fractures.					
013/02	1368	Pink aplite dykelet. with Malachite Turgeois stain outrac	ture Some Chalcoci Le	*			
\$1378	/383	Same - highly fractured					
a 137		5cm Clay-red Hematite crushed zone 15°CA.					
		Lower contact to Roscoe phose is gradational and there fore	enbitrery.				
· · ·	-		7				
142.0	179.0	ROSCOE GRANDDIORITE 111 (17.0)					
		This unit displays lower total matic content, with Hornblande d	minantas exhedral 3 tob	mm			-
	<i>t.</i>	Vals. Still cut by fractures with pink envelopes with fre	quency 1 to 3 perm.				
		Fractures densily 4 to 7 perm					
@141.6		Scinpink dyke 80°CA.					
a1425	1438	Fault Zone with some washed out core. Shearing 60 1070°C	A. Henry Tite - Clay - Jenic	te-Calouste			
	1	present with minor Malachite - (Included in assay inter			627517 142	145.2-65	6
Ə 144 D.		2 min Mulachite - Bornite - Chulcocite fracture 35°CA. Two, sheared Malachite - Bornite Chalcocite veins 3toSmm		* *			
5 145.1	103	To slightly A have - Bruite Chalcanite deine Station	+ 30 and 20°CA WITH	3 to 5 cm Pin ten to	n enjelane	2	

DIAMOND DRILL LOG



pink = mainly Ksp.

INTER	RVAL	DESCRIPTION		ALT	ERA	TION	1				MINERA	LIZATION			ASSAY	S	
FROM	TO		PA	E Epi B	đ	с	D	FRACTUR		СР	BN PY M	aag Ce	SAMPLE	FROM	то	Cu	
p 149.		Minor Malachite fracture 270CA.	z				141								150		
@ 148		Alteration intensity increases in width of envelopes and frequency	2												153		
0154.5		Malachite Bornite Otz 2mm Vein 15°CA					199				¥	×	627521	153	156	132	
0 1589		Chelcacito-Bornite Epidote - Qtzvein Vican 55°CA	2								⊁	★	627522	156	159	472	
@ 160.0		Sheared Epidote - Otz-Hematite Vein 1 cm, 10°CA with	hN	lalac	A	Le	10						627523	159	162	210	
@ 161.3		Small Clay-red Hemolito Fault 60° cA . 2cm wide					ĺ						1.				
0161.9		O.3 m Lost Core.		K.													
@162.6		0.3 m Lost Cure	2	2													
@163.1		Fult 2000. 20 cm Brecciated and Clay - red Hema tito gouge	5	o°c/	A												
@ 164.2	165	Fult 2000 20 cm Brecciated and Clay -red Hematite gouge Pink quanite to aplite dyke. 53 °CA upper contact.		7													
01657		Small fault 50° cA. Scanwide.		2			1.7										
@166.6		10 cm fault shared me 57°CA	2														
@ 167	167.2	Pink aplife dyke 45 cA contacts											1				
ello	170	Uniforme medium grained Roscoe grano deorite with palepuik	att	ent	in	en	velo	p	1+4	باسد	wide						
		accompanied by saussentied fildspars and weathy sericite adja	legel ,	ł	An	chie		40	4.50	o ci	ξ.						
		Longe prikolitic Kspan about 1 cm present 5. Fractures / m	ave		e.												
2168.5		Red earthy Hematite slip 57 th	A				11-									-	
@I773		Blocky Core - CA parallel shear - small.					20.0										
			7														
179.0	197.0	HYBRID ROSCOF/CHATAWAY GRANODIORITE	2				7.0										
	·	Mind Poscoe and weakly filiated Chataway phases. with of	La	Iter	na	(,	out	act	,								
		Overall matic content 15 to 17% includes assicular dark gre								- 5-							
1828		Sur II of Son mech	11														
1850	187	3 Spectron is cut by several fault zenes with Clay Hund	A				1 VIII	5	54.1	6000	~ <u>A</u>						

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>73cvs</u>-2 Sheet <u>7</u> of <u>9</u>

INT	ERVAL	DESCRIPTION	ALT	ERATION	NSI I		MINI	CRALIZA'	TION			ASSAYS	\$	
FROM	TO		A B	С	D		CP BN I	Y MAG		SAMPLE	FROM	TO	Cu	
Q 189		Green serieite filled fractures start, with put lespon en	relopes 1/2 to 21	cu vido	preser	+4	end o	thole.						
		CA vanis 35 to 57° and frequency 2 to 3 /m. Unmine												
		Lourse contact of my or interval is guidational and and;												
		This unot has a low fracture density with overage about									-			
197.0	2037	ROSCOL GRANDDIORITE												-
		Cut by similar, sericite verilets with pink alteration en	AD to 550 CA; velupen 2 to	4/m .	vith ea	velop	e; wid	14 5 14	5cm	Some	carta	in goz		_
-	-	Massive, unifin 4+06 fortues /m. Unmineralized. Dru.	sy 2to 3 mm C	Hz veint	ets he	re ane	there	2000	A.	627524	200	201	141	
			•											
2037	206	HYBRID - ROSCOE / CHATAWAY GRANDDIORITE												_
		Similar to 179-197m interval. Un mineralized with	seven green	Sericit	e mino	Herno	ti fe i	lein lets	with	pink	Kspar	euvelu	pes 1-i	2an w
		Several drusy Qtervinlets 2 mm wide 20° cA an miner	lized .											
= 205.1		Several drusy Gterveinlets 2 mm wide 20° CA an miner Small Elay - releastly dematite 1 cm fault 65° CA	5 cm altera	tion env	elope.									
		,												
2061	2077	ROSCOE GRANODIDRITE												
		As 1970 to 2037 . Upper another contacts sharp	and irregular	80 + 85	r°cA.									
2066	,	Small full with adjacent broken core	v									i.		
· *-														
2077	216	"HYBRID-ROSCOE/CHATAWAY GRANDDIORITE												_
	ļ	As 203.7 To 206 Massive 3 to 4 partures fram. Short 2	0 to 30 cm of R	oscoe que	nodcori	le inc	easing	in freq	oca cy	Toward	lower	contac	<u>.1.</u>	
		Envelope pinking 1/2 to 2cm on green Sericite veins and fra	ctures with fi	equency	1210	5 /m	351	66000	A (umines	alized	p		
@111	¢ 	Small fault, clay gouge and breactin 60°CA; Sem;												
@112	1	Snell fault Clay red Hematite slip 7.0. cA; 5 cm												
			1 1 2 2 2 3 3			1 1 1 I				1 1	:		1	

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CV</u>S-2 Sheet <u>B</u>of <u>9</u>

INTE	RVAL	DESCRIPTION		ALTERAT	TON	L CTURE ENSET		МП	VERALIZ	ATION			ASSAY	7S	
FROM	то		A	B	C D	I RAO		CP BN	PY MAG		SAMPL	FROM	то	Cu	
216°	2265	ROSCOE GRANDDIDAITE													
		As 197% 2037. Massive, fas pink veins envelopes. N	lear upper c	sutact,	unit	15 51m	ilar	*							
		Hybrid unit. Uninevalized	Ref												
· 217.3		2 cm dark green Sericite puch Kspar envelope 52	CA. Horati	1. sl.p								<u>.</u>			
2219		Smull 5 cm , 72° CA redearity Hemutite slip, gruge a													
220		Small 10cm 52°CA fault, gouge and breezin Clay - H													
2226		20 cm fault 45° CA gouge and breccia Clay - Hame			cite Ve	(H									
2265	2293	BETHLEHEM GRANODIORITE													
		Generally fing to medium volute danker grey with higher Bestite	content th	an Hon	ibleade	141	16%	+1	al met	ics.	Botile	about	10%	as fla	kes.
		Pink envelopes on hairline fractures are abundant (210)													
													/		
2293		ROSCOE GRAND DISRITE									<u>.</u>		<u> </u>		
		AS 197.0 to 2037. Furthed upper contact S6°CA.	Unminecol	zed .	Sharp	lower	con	Tact	11400	ular.					
2296		Icm slip of dark ned carthy Hematite 55° cA.													
2322	2743	BETHLEHEM GRANDDIDRITE													
		Similar to 2265 to 229 3 with courses grain size. Dis	stinetly mot	led by	Conspi	uous	KEA	ar f	o a Tche	× 50	14100	6. Bin	vodal It	orable	ades.
232.2	2330	Blocky care, sericite fractured with several Specularite													
@2394		Pink K-sparaltered zone about 20 to 30cm wide with	red contra	Leme to	tesli	2. 45°	CA.								
2390	' 241°	Faultzme: gouge, Elay, Fed Hematite slips here and T	TO to 75 . CA	cated	with 1	Senci	te e	1 fer	d adj	·acen	fault	war. 1	linet	4H	bry
		red Hematite?, 2mm wide 20°CA at lower partolinterval													
o 272	249	Unit appears weakly. Kspar metasomaticed due to prese		ervalor	es on	Endot	e vein	lets	with	45 10	70°CA.				
		Frequera 2 to 4 /m.													

<

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93cv</u>5-2 Sheet <u>9</u> of <u>9</u>

INTE	RVAL	DESCRIPTION		AL	TER/	ATI	ON			LISN			N	INF	RAL	IZAT	TON	1				ASSA	rs			
ROM	TO			1	TER/	Ċ		D	FRAC				CP I	SN F	Y MA	G			SAMP	LE F	ROM	TO	Cu			
2464	247.8	Blocky cure. 2cm redeastly Hermatite fundt 66°CA 2																				-	·			
247.8		Calcite -Herestite - Ota vein 20° CA			7	. ,	+)																		
		Below 250 unit is massive with 1 to 2mm green Sensite ver	inters	sme s	đ	ŀ	L	¢c	n	214	4 -	uve	lope	ı.	Fre	760	uey	2	65	1/1	n. p	osta	ue e	450	CA.	
<i>i</i>		Calcite-Hematite - Atz vein 20° CA Below 250 whit is massive with 1+02mm green Senicite ver Fracture intensity 3+06 fractures Im. Occasional pink Zeo Blocky, fractured, sheared and calcite verned section Vein	lite	- Co	lu	ŀe	14		3 m	- v	en	let	۔ ح د	u t	Se	fici	te	anc	'Er	id of	le ve	inlet.				
271	272.	Blocky, fractured, sheared and calcife verned section Vern	my	12.	\sim	1	<i>a</i> 1	7	/fex	na	t, 1	4										÷				
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274		EoH																								
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HOLCVS02.XLS

Sample	FROM	TO	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Со	Cr	Cu	Fe	Ga	Hg	K	Ia	Mg	Min	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	TI	TT	V	Zn
	m	m	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm		ppm			%	ppm	ppm	ppm	ppm
627501	12.0	15.0	<0.2	1.07	<2	100	<0.5	<2	0.93	<0.5	8	76	281	2.22	<10	<1	0.22	<10	0.64	285	<1	0.08	7	620	2	<2	2	71	0.11	<10	<10	76	34
627502	15.0	18,0	<0.2	0.86	2	120	< 0.5	<2	0.71	< 0.5	6	77	114	2.14	<10	<1	0.26	<10	0.51	215	1	0.10	4	570	<2	<2	1	63	0.12	<10	<10	78	26
627503	18.0	21.0	0.2	0.88	<2	130	< 0.5	<2	0.78	<0.5	6	77	1256	2.06	<10	<1	0.26	<10	0.50	210	1	0.10	6	540	<2	2	1	56	0.11	<10	<10	75	26
627504	21.0	24.0	<0.2	1.12	2	140	< 0.5	<2	0.87	< 0.5	6	85	161	2.14	<10	<1	0.24	<10	0.54	235	<1	0.11	5	580	<2	<2	1	80	0.11	<10	<10	77	28
627505	24.0	27.0	<0.2	1.38	2	110	< 0.5	<2	1.84	< 0.5	8	62	526	2.20	<10	<1	0.19	<10	0.62	280	<1	0.07	7	570	2	2	3	74	0.07	<10	<10	72	34
627506	27.0	30.0	<0.2	1.20	10	130	< 0.5	<2	1.05	<0.5	8	72	71	2.05	<10	<1	0.23	<10	0.60	255	<1	0.09	6	560	2	<2	2	70	0.12	<10	<10	74	28
627507	30.0	33.0	<0.2	1.33	<2	160	< 0.5	<2	1.13	<0.5	7	64	135	2.27	<10	<1	0.28	<10	0.60	250	$\frac{1}{1}$	0.10	6	620	<2	<2	$\frac{-}{2}$	106	0.13	<10	<10	84	30
627508	33.0	36.0	<0.2	0.96	<2	160	<0.5	<2	0.79	<0.5	7	83	79	2.17	<10	<1	0.28	<10	0.54	235	<1	0.11	7	530	<2	<2	2	98	0.12	<10	<10	80	26
627509	36.0	39.0	<0.2	1.06	8	150	<0.5	<2	0.88	<0.5	8	67	233	2.31	<10	<1	0.31	<10	0.60	260	<1	0.10	5	590	<2	<2	2+	76	0.13	<10	<10	85	30
627510	39.0	42.0	<0.2	1.38	4	110	< 0.5	<2	1.16	< 0.5	8	76	296	2.33	<10	<1	0.23	<10	0.69	290	<1	0.10	6	610	<2	<2	2+	88	0.13	<10	<10	82	30
627511	42.0	45.0	<0.2	1.20	8	120	<0.5	<2	0.84	< 0.5	6	72	55	2.09	<10	<1	0.26	<10	0.52	215	<1	0.11	6	570	2	<2	$\frac{1}{1}$	78	0.12	<10	<10	78	24
627512	45.0	48.0	<0.2	1.01	4	130	< 0.5	<2	0.81	< 0.5	7	82		2.19	<10	<1	0.26	<10	0.53	230	<1	0.11		590	4	<2	1	79	0.12	<10	<10	81	28
627513	48.0	51.0	<0.2	1.37	2	80	<0.5	<2	1.40	< 0.5	6	54	97	1.98	<10	<1	0.18	<10	0.64	250	<1	0.09		590	<2	2	1+	91	0.12	<10	<10	67	30
627514	51.0	54.0	<0.2	1.14	6	120	<0.5	<2	0.94	< 0.5	7	65	54	2.06	<10	<1	0.27	<10	0.58	225	<1	0.09		580	<2	2	1	77	0.10	<10	<10	73	26
627515	54.0	57.0	<0.2	1.01	<2	130	< 0.5	<2	0.71	< 0.5	7	67	127	2.20	<10	<1	0.28	<10	0.56	215	<1	0.10		630	<2	<2	$\frac{1}{1}$	66	0.12	<10	<10	80	24
627516	57.0	60.0	<0.2	2.19	4	110	<0.5	<2	1.78	< 0.5	7	62		2.02	<10	<1	0.17	<10	0.62	250	<1	0.17		560	4	<2	2+	102	0.09	<10	<10	70	26
627517	142.0	145.2	0.2	1.36	6	90	<0.5	<2	1.44	<0.5	8	68		2.06	<10	<1	0.17	<10	0.68	285	<1	0.10	6	550	8	2	2	88	0.08	<10	<10	69	30
627518	145.2	147.0	<0.2	1.38	<2	110	< 0.5	<2	1.22	< 0.5	7	85		2.12	<10	<1	0.18	<10	0.61	265	<1	0.14		590	<2	<2	3+	106	0.11	<10	<10	75	32
627519	147.0	150.0	<0.2	1.56	<2	70	<0.5	<2	1.28	<0.5	7	78		2.13	<10	<1	0.15	<10	0.73	290	<1	0.12		560	2	<2	2+	85	0.11	<10	<10	71	36
627520	150.0	153.0	<0.2	1.53	6	50	<0.5	<2	1.59	< 0.5	8	82	69	1.93	<10	<1	0.15	<10	0.72	290	<1	0.10		530	2	2	2	121	0.11	<10	<10	63	36
627521	153.0	156.0	<0.2	1.23	6	70	<0.5	<2	1.21	<0.5	7	55	132	1.96	<10	<1	0.15	<10	0.61	265	<1	0.08		530	4	<2	2	58	0.11	<10	<10	70	32
627522	156.0	159.0	0.2	1.11	6	80	<0.5	<2	1.03	< 0.5	6	57	472	1.98	<10	<1	0.17	<10	0.54	240	<1	0.10		530	<2	<2	$\frac{1}{1}$	62	0.11	<10	<10	71	28
627523	159.0	162.0	<0.2	1.54	<2	90	<0.5	<2	1.76	< 0.5	6	51		2.05	<10	<1	0.15	<10	0.72	315	<1	0.09		540	2	2		76	0.11	<10	<10	70	34
627524	200.0	201.0	<0.2	1.41	<2	70	<0.5	<2	1.28	< 0.5	7	85		2.07	<10	<1	0.18	<10	0.64	265	<1	0.12	-	510	<2	<2	$\frac{3}{2}$	61	0.10	<10	<10	76	32

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Cu = native copper CA = core axis angle Ce = chalcocite

Bn= bornite

DIAMOND DRILL SUMMARY

)-)-
Project N	o. CUS	·	
	93CVS		
Page_/	of		
	_		
Property	_CVS		
Claim	CVS7		
			NORTH END
	_		
Contracto		RILLING,	<u>KAMLOODS</u> KODGE CAMPSITE
	CORE SIZE		
FROM	то	SIZE	
24.4	288. ³	NQ	
TOTAL DEP CORE RECO		9%	
C	LLAR SURVE	V	
NORTHING	+ 5800N	grid	
EASTING	<u>3550 E</u>		
ELEVATION BEARING		· · · · · · · · · · · · · · · · · · ·	
DIP	-60%		
REFERENCE	2		

	DOWN HO	LE SURVEY	
FOOTAGE	DIP	AZIMUTH	
117.7m 212.0m	-60	275"	
212.0m	-60 -5934	2790	

		SUMMARY LOG			ASSAY	8
FROM	то		FROM	то	PP M Cu	
0	24.4	OVERAUNDEN				
24.4	43.1	ROSCOE GRANDUIDEITE				
43.1	55,4	BETHLEHEN? GRANODICRITE with a few minor malachite-bounite verilets 150 to CA.	45	48	271	
554	98.3	ROSCOE GRANODIORITE - Several fault zones at 70.3 at 25°CA and 71.1 at 30° ECA				
983	1324	BETHLEHEN GRANODIORITE with Rosco inclusions and shupplower contact, N	ative			
		copper occurs as very fine disseminations in 1 to 2 mm quarter veinlets 12 to 18°CA and as				
		disseminations with matic sites Mineralization is weak. Shout interval of widely spaced se	ricite	·		
	·	factures with K-spor pink envelope alteration 65-10 80°CA	86	. 89	291	
1324	1488	ROSCOE AND BETHLEHEM GRAND DEDETE - Lykes of latter in Roscoe. Similar yeak	89	92	299	
		native copper mineralization is both phases observed as fracture controlled 10+013° CA.				
1488	2883	Dominantly Bethlehem GRANUDIORITE with Roscor phase 231 to 241 and pink				
		granite - quarte aplite 255.0 to 259.8. Similar weak fucture controlled hativo				······································
		conner and minor chalcocito associated with 10% 15" CA. Some native conner is	186	189	237	
		finely disseminated and of probable late hypogene origin . Significant pink K-spat	189	192	266	
		envelope alteration accompanies serieite fractures 217 to 241 and 260 to 264.	·			

Best minemization accurs as very weak, fracture controlled nutive copper and minor chalcocite or bornite. More disseminated untive copper may be present in come then was absended at 200 to 230 m due to very fine grained disseministed nature.

Copper levels are below 300 ppm - in native copper intervals.

Then was, abseared at 200 to 230 m due to very fine grained disseminated no

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DIAMOND DRILL LOG

PROJECT : <u>C//S</u> D.D.H. NO.: <u>93CvS</u>-1 Sheet <u>2</u> of <u>/o</u>

INTE	RVAL	DESCRIPTION		AL	TER	ATION	٩ ١	TURE VSITY	М	INER	ALIZAT	ION			ASSAY	78	
FROM	то		A		B	C	D	FRACTUR	CP B	N PY	MAG		SAMPLE	FROM	TO	Cu	
0	24 .4	OVER BURDEN															
24.4	43.1	ROSCOE GRANDDIORITE															
		Course grained, 13-14% 2 to 7mm Hold, 3-4% 2-3mm Biot,															
		Generally unaltered matics.															
		Hold is enkedral, and uniformily distributed															·
D 31.0	34.0	Oce fract with pink Hematitic, K-spar and Zeolite envelopes several mm	wid	2													
		Assoc. with 1 to 2 mm Epid. veinlet set 30 To 35° CA					``										
		Red Zeoliter Frecture thoughout major interval 60 To 80° CA predou	1.														
> 350	360	Moderate shearing with minor Feldspar to day alteration. Veris	nn	1/1/2/	Cor	e											
		Minor Chlorite atteration of Hold.															
409		Small Hematitic fault 35° CA															
		8 TO 10 fractures /m Throughout major interval															
9.414	416	Small fault - crushed cone						,									
43.1	55.4	FINE GRAINED BETHLEHEM GRANDDIDRITE											4,2750	5 95	- 48	271	
		Intrusive upper contact with small Roscoe Grandionite inchasion	S											6 48	:	: .:	
		Grey, fine grained, Bistite abundant, vaguchy foliated marties	55	706	50	сA							627 57	7 51	54	73	
		13-14% total matics, 10% 2to 3 mm Biotite flakes, 4% 270 3 m											627528	:			
		chloritized Hold . Hold generally coarse xals			0									57		i :	
		Overall fractures are 8 To 10/m.															
	-*	Cut by weak, bleached stockwork of Euleite, pinh Zeolite with h	leura	t fe													
		coatings ~ 4 To 5/m															
0417		Small fault with breccia Earthy Hematite slips 45° CA. Lost	Gan	0	4 n	1											

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>73 ⊂ VS</u>-1 Sheet <u>3</u> of <u>70</u>

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INTER	WAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	TO		ALTERATION	CP BN PY MAG	SAMPLE FROM TO Cu
@ 47.0		5 cm fault with Hematites lip with slichenslides 50°CA			
@ 4 9.7		I man veinlet of faint Malachite - Bornite 15° CA Cut 1	by stewk of		
		Calcite + Gypsum bleached veinlets set		*	
<u>e 52</u>		Same copper mineral ization - weak.		¥	
<u>0 510</u>		I mm drusy vein with clear Zeolite Xal growth 10° CA			
		Sharp lower contact 60° CA.			
554	93.8	ROSCOE GRAND DORITE			
		Coarse grained, as 24.4 TO 43. 1m. Uniformly distributed	(enhedra / 46 ld.		60
@ 586	58 8	Moderate shearing with Feldspar to Clay alteration		-	
		chlouite on some fratures here and there			
		Overall, 3 To 4 Veinlets /m as Calcite - Gypsum (?) si	tochuk		
260,8	lel.6	Fine grained Bethlehem phase (as 43.1 to 55.4 m inter	val) in jected		
		Fine grained Bethlehem phase (as 43.1 to 55.4 m inter with consequent extensive Apinking emanating from several	core-panellel.		
		Culcite - Zeolite Vems 2 to 4mm wide. They contain 1%	Magnetite and		
		fine Hematito dusting			
		Overall, 8 to 10 fractures /m.			
065.0		Local pinking stochwork			
688	70,3	Fault Zone with breccia, Calciteveining in fault 25°CA			
071.1	71.8	Fourth Zome with breccia, slips @ 30° CA LOST CORE	0.8 m		
272.4	73.8	Variable pervasive pinking, patchy with chloritized Hald			
2738	14.2	Variable pervasive pinking, patchy with chloritized Hild Pink microgramite injection: sharp upper etc 42° CA,			
		lower CFC shemed for 10 cm	1 with 34° CA indicated		

DIAMOND DRILL LOG

PROJECT : <u>*CVS*</u> D.D.H. NO.:<u>93*CVS*</u>-1 Sheet <u>4</u> of <u>10</u>

Cc = Chalcocite Cu = Native Copper.

					· · · · · · · · · · · · · · · · · · ·	
	INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
	FROM	то		A B C D KA	CP BN PY MAG Cc Cu	SAMPLE FROM TO Cu
	@ 80.0	93,8	Section contains bleeched envelopes on 1 to 2mm Epidete-filled for	ctures		
			with density of 4 to 5/m @ 30 to 40°CA. Also Calcute - Gyp			
			and Anhydrite Veinlets a 10 to 20°CA.			627530 83 86 55
\bigcirc	@ 8/00		Work Malachite with minor chalcocite on 0.3 m crushed sheave	1) zne @ 40° CA	¥	627531 86 89 291
\bigcirc	@ 87.2		20 cm shear zone 62° CA with faint Melechite and min	on Chalcacite	*	627532 89 92 299
			accompanied by Hemetite Clay and red Zeolite			627533 92 95 68
						627534 95 88 60
	93.8	132.4	BETHLEHE M GRANDDIDRITE			627535 88 101 63
			Generally medium grained, otherwise similar to interval 43.1-55	1.4 with		627536 101 104 37
			7-8 % 1to 2 m Brotite flakes, 6-8 % Homblande as bimodal			
•			and 3to Brim Xals that are partly chloritized.			
			Week pliation of metics			
	o 95.	0 Car	Native copper as finely disseminated specks - late Hypogene?	or supergene.	*	
	@ 97.		Same		¥	
	0 98.		Nature Copper with slightly nink enveloped Otr Jeinlet 37°CA		×	
	@ 109.9		Native Copper 14 veinlet/fractures 18° CA.		*	
	@ 11 U .	7	Nature Copper in Almatitic - Colcite - Qtz winlet, I may wide, 13° CA		×	
	@ 28.0		Roscoe granodisite inclusions			
	@ 10 #3		Large Roscoe granodissite inclusion			
	@1061		Small fault with red Hematite slickenside 40°CA			
\bigcirc	Q 108 8	109.	Shear zone with 10cm incipient breccia 30°CA shearing	,		
	@110.0		· · · · · · · · · · · · · · · · · · ·			
				1		
	<u> </u>		Below 110 unit becomes coarses, more distinctly matic bimodal matics generally unallied - About 6 to 7 fract/m.			

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93(vs</u>-1 Sheet <u>5</u> of <u>10</u>

INTE	RVAL	DESCRIPTION	ALTERATION	I NSITT	MINERALIZATION	ASSAYS
FROM	то		A B C D	FRACTOR	CP BN PY MAGCC Cu	SAMPLE FROM TO Cu
@ 112	122.0	Vein Type alteration as palmalive green Sericite envelopes 5mm	(1/2 width)			
		with density about 6 to 10/m, 65 to 80°CA Locally 5 verilets	over 10cm width s			
		some with minor pink K-spac association				
@113.5		Small shear with red cauthy Hematite slips 20°CA				627 537 109 112 225
@123.2	-	Imm Oto veinlet with pink 2103mm envelope with dissemin.	ated specks of		*	627538 112 115 88
		Native copper, 13° CA				
@ 123.7	.124.5	Fractured zone of pervasive Epidote - K spar alteration with irreg	ular Cala to - Ota	fillings		
@126.2		7 Pink 2 cm wide Ksp pink dykelets.		0		
@ 127,2	. ر			eous		627539 120 123 50
@ 1285	129.0	Incipient intrusive breccia with Sericite stockwork beth				627540 123 126 73
@ 131.2		Sheared Sericite fractures with Native copper, 12° CA.			*	627541 126 129 170
0		New lower contact get bleached envelopes with Epidote-Ksp ad	accut to fractures			627542 129 132 153
						627 543 132 135 95
132.4	140.5	ROSCOE GRANODIORITE				627544 (35 138 233
		Coarse grained, uniformly distributed Hold Xals as before				127545 138 141 229
@ 133.5		Drusy Icm Qtz Xal vein 15°CA - No minerolization.				627546 141 145 129
@ 1345		20 cm fink Otz-Kspie dykelet 10° cA on lower contact	4,			627547 145 147 132
@ 135.4		xlative Gppet on fracture with faint pink K spar envelope, Sen		10° CA	¥	627548 147 150 116
@ 1384		Vative Copper with intense mint Kspor-Epidote envelope 2 cm wide			~ ~	627549 150 153 6
		Decasional Ptz verillets 1 to 2 fm density, 55 to 60°CA				627550 153 156 73
0 139 ³		3 cm wide Bethlehem dykelet 50° cA.				627551 156 159 85
		Sharp lower contact 54°CA				627552 159 162 54

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>73CV</u>5-/ Sheet <u>6</u> of <u>10</u>

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INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS					
FROM	TO		ALTERATION A B C D E	CP BN PY MAG (C C4	SAMPLE FROM TO Cu					
140.5	144.2	BETHLEHEM GRANDDIORITE								
		Medium grained, foliated matics as 93.8 to 132.4								
		Occasional fractures 2to 3/m with pink envelopes.								
		Pink Kspan dykelet at lower contact which is sheared @	25° CA							
		• • •								
144.2	148.8	ROSCOE GRANO DIORITE								
		Similar to 132.4 - 140.5								
		Feldspars sausserifized with moderate intensity from upper con	stact down to 145.5							
		Occasional Calcite - Anhydrite (+ Gypsum) veinlets 1-2 min wide	, 75° CA							
		Lower contact is microfractured with red earthy Hematite that c	uts a 10°CA Imm Nativo	¥ ¥						
		Coppor reinlet of faint Malachite, Chalgocite - Chlorite.								
				/						
148.8	231.0	BETTHLEHEM GRANDDIDRITE								
		Predominantly Bethlehom phase with some 5to 7cm Roscoe ph	use Lenolithsi?							
		Foliated matics 45°CA								
		Pinking envelopes of Icm on 1to 2mm Epidate veinlets								
0/63		Numerous Roscoe phase inclusions, several ch to Im. Some con	tections sharp others are subtle.							
@151		Fractured section with Epidote - Calcite venilets and possible Na		×						
		altered envelopes (over all as weak alteration of less 10%) re.								
	E	Atered Hold and Biotite (pervasive) Veinlets are 55 to 60								
155	165	Local, patchy grey silvified zones 10 to socm wide.								
0160		Native copper on Imm Oto veinlat 15°CA		×						
\$ 1696		Watine copper specks, often with matic sites. One, Imm G Blochy Cove in fractioned section	+2-Bornite veillat 150CA.	×						
0 1705	177.0	Black Cooper for the trans of the print of								

DIAMOND DRILL LOG

PROJECT : <u>CUS</u> D.D.H. NO.: <u>73CUS</u> -/ Sheet 7_of <u>10</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS						
FROM	TO		A B C D LA	CP BN PY MAG C C4	SAMPLE FROM	то	Cu				
		Occasional pint and bleached envelopes on veinlets 1 to 2/m.									
@177,	.	Acm Otz-aplite dykelet 5°CA									
@ 179.	>	Core parallel 2mm Otz veinlet with faint 1cm pink envelopes									
<u>e 180.9</u>	185.0	Matics show moderate foliation 50°CA.			627553 180	0 183	38				
@ 1836		Native copper specks in 2mm veinlet with pink low envelope . Che	laucite association	< 🗡 🗡	627.554 183	186	74				
		is potchy, disseminated and integrating southered.			627555 186	189	237				
@ 1862		Native Copper finely disseminated in 2 cm Otz- Falcite Zeol:	he vern with minor Series'te	* *	1.27556 189	192	266				
		on margins 12° CA:			627557 19:	195	90				
@188°		1 to 3 mm Qtz Veinlet with pink crivelope, minor Chalcocite and	1 Native copper fine	 * *	1027.558 19	198	73				
		disseminations about to totemm. 10°CA			627559 198	201	228				
@ 190.	°	Same as 1880		* * *	627560 201	204	147				
@ 195	5	Same as 188.0		× *	627561 20	F 207	103				
@ 200 3		Same as 188.°		* 7	627562 20	210	232				
@202 ⁰	2035	Two Roscos Grandionite inclusions			627563 210	2/3	66				
02040		Imm Qtz-Sericite verilet with Icm faint pinking envelope and Ca	lauci le Mative copper	×+	627564 21	3 216	163				
		mineralization 12°CA.			627565 216	219	27				
@204.8		Fault zone 25° CA clay gouge and gtz pebble breccia, zone as	but 20 to 30 cm wide	ŕ	627566 219	222	36				
@2091		Native copper specks are finely disseminibed in association with	natic sites < 12%	× _	627567 22:	2 225					
	`````````````````````````````````	Present Throughout as hypogene mineralization -very fine grained spec		150							
		be present higher up the hole. Observed @ 215 m.	0								
@2100	2110	Two pink Enlerte- Atz + Zeolite deins I cm wide at col	chand 2 4° CA.								
0217°	2180	Pink sheared and faulted att aplite section adjacent to to	Dam fault zone								
	1	with clay gouge, Sericito and bucced									
@ 2198		AlaTive copper - Chalcourte Verilet 10° CA with faint publicity env	elope,	**							

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>73CVS</u>-1 Sheet <u>8</u> of <u>10</u>

				Domin Zeuli	ety	Reb											-			
	INTERVAL		DESCRIPTION	ALTERATION		D FRACTURE			M	NER.	ALIZA'	TION	ASSAYS							
	FROM	TO		Pink Aft.	ch B	1 5	et C	D	INTRAO		CP BI	N PY	MAGCC	Cu	SAMPLE	FROM	TO	Cu		
	@220		General increase in itensity of pink alteration flooding as																	
			both vin type and pervasive. Veins are Kspr and calcite, some																	,
			with epidate and sericite halos. They form a pint stockwork	-(2	1.1	2 15	040	dam	ina	u †).										
\bigcirc)		Locally, zones of Native copper disseminations are presention	mall	وليد 0	unt	(-*							
\bigcirc			Accompanied by saussenitized feldspess and chlorite altend Mafries					<i>i</i> b								1				
	@ 227 3	227-5	Sheared zone with abundant sericit.		C	RA	HIC													
	0 2291	2301	Fault Zone. Buccia, slips@ 50°CA.					201												
						@N	217 1	4	<u> </u>							-,`				
	231.0	241.3	ROSCOE GRANSDIORITE	A				218												
			Variably altered by same pint pervesive and venitype alterate	A	_															
			as Bethlehem phase above. Numerous Calcite Epidote	11	5			220							_					
			veins, some with minor faulting and shearing.		4															
				1				272												
	241.3	2550	BETHLEHEM GRANDDIORITE	14													`>			
			Variably intensel pink alteration with associated weak chloritization		4			174												
			of matics	1	1															
			Upper faulted contact 22° CA with clay -Hematiteslips	1				921										-		
	@240.2		Shearing and GROUND CORE												_					
	@ 241,2	241.4	Smull fault with Hematite slips 27°CA			11		220		Ź										
	@ 243.		Faint Malachite and Minor Chalcocite with Epidote venilet.		\square	1							<u>×</u>				<u></u> .			
	@ 244.0		Blocky Core		4			130							_					
	@ 244.7	2450	Fault Zone with day gouge and crushed breccia																	
	@ 246.		Below 246.0 weak, clayalfored white Feldspar. Below 250.0 pink alteration weakens toward lower contact	KL		K		237												
	@ 250.0	•	Below 250.0 pink alteration weakens toward lower contact	1	A	2														

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CVS</u>-/ Sheet <u>9</u> of <u>10</u>

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				Zeol	lite				-	 									
-	INTE	RVAL	DESCRIPTION				ATION		FRACTURE	MINERALIZATION			ON	ASSAYS					
	FROM	TO		Pink	k Ch E		Ser C	D	FRAC	CP BI	I PY M	AG Cc		SAMPLE	FROM	ТО	Cu		
			Chlorite alteration drops to very weak					<u> </u>											
			, , , , , , , , , , , , , , , , , , , ,		0														
	255,0	259.B	PINK GRANME - QUARTZ APLITE	2				116											
$(\)$	<u>}</u>		Very highly fractured unit with numerous palerolive green sensite	Λ															
			fractures (more than 10 (m). Sheared upper contact 5 cm Sericity	14	errati	4	17°CX	-2000											
			From upper contact to 258 unit his equiption ular medium grained				Ľ	237											
			Granitic texture with white clay altered Feldspars, 2+3%, 2+04mm Biotite Ackes. Lower section hear contact, unit becomes a	2	1	K		238										_	
			Biotite Alekes. Lower section hear contact, unit becomes a		<u>N</u>	1	/												
			fine grainal aplite.	8		1		- 240											
	@259!		Mulachite -minor Chalcocite bearing Calcite - Zeolite vein, 1 Cm	<u>A</u>	1		j					¥		-	-			_	
			and 30°CA.					202											
			Lover contact 55° CA.																
								_240											
	259.8	288.3	BETHLEHEM GRANODIORITE												·				
<u>.</u>			Broken core and intense prinkatteration near contact with above		K														
÷.			unit between 261.5 - drops to weak affection 262.5																
	@ 262	. 263	" Shear zone, crumbly and fractured core, often CA pavallel verifiets with abundont, thick sericite coatings with minor I			4		245											
			veinlets with abundant, thick sericite coatings with minor 1	feni	a 4. 7	<u>e</u>	/												
			Below 263 unit becomes less altered with fresh matics	and	/			25										_	
			occasional pink envelopes about 5 to 6 lm.																
	2		Occasional 5 to 10° CA pale green silicous 1 to 2mm visulet																
	@ 269.3		1-2mm Ofz veinlet with inegular splotches of Bornite. Fa	'nt						×									
	@ 274.9		Icm pink envelope.																
	@ 274.9	277!	Cove is blocky due to fracturing																

DIAMOND DRILL LOG

PROJECT : <u>CUS</u> D.D.H. NO.:<u>93CUS</u>-/ Sheet <u>10</u> of <u>10</u>

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INTE	RVAL	DESCRIPTION		AI	LTE	RAT	ION		L NSITE		MINI	ERALI	ZATIC	DN			ASSA	rs		
FROM	TO		Pin	h C	hT B	(3	D	FRACTURE	c	P BN I	Y MAC	}		SAMPLE	FROM	TO	Cu		
276.1		Small fautt with Hematite slips 25°CA. It=2 mm verilet with faint Kspan pinking 14°CA.						25	<u></u>			-								
270.8		11-2 mm verilet with faint Kspan pinking 14°CA.									×									
269.7		Rare Chalespyrite Bornite 40°CA Small slip with adjacent	mine	11	207	tion		25	2		< ¥									
283.0	284,4	Fant up shearing and slips 20° CA. BLocky core Minor									×									
		Bornite on top of fault						21	5											
285.0		ata Epidote veinlet with minor Bornite	\overline{Z}	\mathbf{N}							¥									
		BRoken cove at 285.1 - 285.3 Mislatch - lost cove tube	1	1				21	2											
		down hale - shut hale down short of 300m.	8	17																
	•		6					21	4											
			1						1										Ì	
			1					,,												
					Ť			~ 6	٩											
								,,,												
288.3		END OF HOLE.							-											
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HOLCVS01.XLS

Sample	FROM	то	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Со	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Min	Мо	Na	Ni	P	Pb	Sb 3	Sc S	r Ti	T1	U	V	Zn
	m	m	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	opmp	om pp	m %	ppn	ppm	ppm	pm
627525	45.0	48.0	<0.2	1.07	4	70	<0.5	<2	0.98	<0.5	6	60	271	1.79	<10	<1	0.15	<10	0.52	245	<1	0.08	4	440	6	<2	1 9	7 0.0	/ <10	<10	57	
627526	48.0	51.0	<0.2	1.26	6	70	<0.5	<2	1.16	<0.5	6	66	119	1.97	<10	<1	0.14	<10	0.58	250	1	0.10	6	530	<2	<2	2 9	3 0.0	> <10	<10	67 _	30
627527	51.0	54.0	<0.2	1.07	4	60	<0.5	<2	1.00	<0.5	7	57	73	1.97	<10	<1	0.15	<10	0.52	225	<1	0.09	3	540	<2	<2	1 8	0.1) <10	<10	70 -	28
627528	54.0	57.0	<0.2	1.34	12	70	<0.5	<2	1.18	<0.5	6	68	76	2.04	<10	<1	0.16	<10	0.59	245	<1	0.11	6	550	2	<2	2 8	0.1) <10	<10	71	28
627529	57.0	60.0	<0.2	1.32	4	70	<0.5	<2	1.45	<0.5	7	75	51	2.06	<10	<1	0.19	<10	0.58	240	<1	0.10	6	530	<2	<2	2 8	3 0.1	2 <10	<10	73 -	26
627530	83.0	86.0	<0.2	1.16	<2	80	<0.5	<2	0.98	<0.5	8	86	55	2.13	<10	<1	0.20	<10	0.55	240	<1	0.11	7	540	<2	<2	1 6	2 0.1	<10	<10	79 _	30
627531	86.0	89.0	<0.2	1.52	4	80	<0.5	<2	1.21	<0.5	7	76	291	2.12	<10	<1	0.16	<10	0.62	270	1	0.11	6	560	2	2	2 12	8 0.1	2 <10	<10	75 _	30
627532	89.0	92.0	<0.2	1.56	6	120	<0.5	<2	1.19	<0.5	8	64	299	2.12	<10	<1	0.20	<10	0.59	225	1	0.13	7	530	<2	<2	2 18	3 0.1	2 <10	<10	76 -	26
627533	92.0	95.0	<0.2	1.44	8	80	<0.5	<2	1.25	<0.5	7	76	68	1.94	<10	<1	0.18	<10	0.53	235	<1	0.13	6	520	<2	<2	1 8	3 0.1	<10	<10	70 -	26
627534	95.0	98.0	<0.2	1.34	8	70	<0.5	<2	1.18	<0.5	6	66	60	1.91	<10	<1	0.16	<10	0.50	225	<1	0.10	4	500	<2	<2	1 70	0.1	<10	<10	69	26
627535	98.0	101.0	<0.2	1.47	8	60	<0.5	<2	1.43	<0.5	5	62	63	1.85	<10	<1	0.13	<10	0.52	220	<1	0.11	5	500	4	<2	1 79	0.0) <10	<10	64	22
627536	101.0	104.0	<0.2	1.81	6		<0.5	<2	1.41	<0.5	6	65	37		<10	<1	0.14	<10	0.46	200	<1	0.16	5	490	4	<2	1 22	1 0.1) <10	<10	67	20
627537	109.0	112.0	<0.2	1.77	6	70	<0.5	<2	1.41	<0.5	6	64	225	1.97	<10		0.16	<10	0.53	240	<1	0.15	4	530	<2	<2	2 70) 0.10) <10	<10	72	28
627538	112.0	115.0	<0.2	1.38	<2		<0.5	<2	1.08	<0.5	6	95	88	2.12	<10	1	0.21	<10	0.54	240	<1	0.12	5	550	<2	<2	2 79	0.1	2 <10	<10	77	28
627539	120.0	123.0	<0.2	2.00	<2	70	<0.5	<2	1.53	<0.5	6	66	50	1.97	<10	<1	0.16	<10	0.55	240	<1	0.16	6	520	<2	<2	2 94	0.10) <10	<10	72	28
627540	123.0	126.0	<0.2	2.57	<2	60	<0.5	<2	2.15	<0.5	6	62	73	1.84	<10	<1	0.12	<10	0.58	250	<1	0.19	4	510	2	2	2 12	9 0.0	<10	<10	64	30
627541	126.0	129.0	<0.2	1.92	<2	60	<0.5	<2	1.53	<0.5	4	61	170	1.86	<10	<1	0.09	<10	0.46	220	<1	0.17	4	540	2	4	1 90	0.0	′ <10	<10	64	26
627542	129.0	132.0	<0.2	1.64	10	90	<0.5	<2	1.41	<0.5	7	55	153	2.06	<10	<1	0.13	<10	0.49	230	<1	0.13	5	530	12	<2	1 13	7 0.08	<10	<10	67	30
627543	132.0	135.0	<0.2	2.00	<2	L	<0.5	<2	1.59	<0.5	6	50	95	1.76	<10	<1	0.10	<10	0.48	230	1	0.16	4	460	<2	<2	1 12	7 0.0	′ <10	<10	60	26
627544	135.0	138.0	0.2	1,15	<2	lane	<0.5	<2	0.96	<0.5	6	44	233		<10	<1	0.14	<10	0.46	210	<1	0.09	5	560	4	<2	1 84	0.10	<10	<10	72	26
627545	138.0	141.0	<0.2	1,38	<2	70	<0.5	<2	1.17	<0.5	7	55	229	2.09	<10	<1	0.15	<10	0.62	265	<1	0.08	7	550	4	<2	2 61	0.1	<10	<10	72	34
627546	141.0	145.0	<0.2	1.22	2	60	<0.5	<2	1.15	<0.5	7	53	129	1.75	<10	<1	0.12	<10	0.51	235	<1	0.09	4	460	4	2	1 80	0.09	<10	<10	58	28
627547	145.0	147.0	<0.2	1.24	<2	+	<0.5	<2	1.23	<0.5	7	57	132	2.02	<10	<1	0.09	<10	0.50	225	<1	0.09	4	550	4	<2	1 80	0.10	<10	<10	70	28
627548	147.0	150.0	<0.2	1.31	<2		<0.5	<2	1.50	<0.5	6	48	116	1.86	<10	<1	0.08	<10	0.60	275	<1	0.08	6	530	4	<2	2 83	0.06	<10	<10	60	32
627549	150.0	153.0	<0.2	1.34	<2	30	<0.5	<2	1.59	<0.5	7	61	61	2.00	<10	<1	0.10	<10	0.69	310	<1	0.08	5	530	6	<2	2 73	0.10	<10	<10	66	36
627550	153.0	156.0	<0.2	1.43	<2	20	<0.5	<2	1.53	<0.5	8	45	73	1.98	<10	<1	0.08	<10	0.72	315	<1	0.08	5	580	6	<2	2 60	0.10	<10	<10	64	36
627551	156.0	159.0	0.2	1.30	10	40	<0.5	<2	1.31	<0.5	7	59	85	2.06	<10	<1	0.10	<10	0.59	280	1	0.09	6	560	2	<2	2 70	0.12	<10	<10	73	32
627552	159.0	162.0	<0.2	1.08	<2	40	<0.5	<2	1.15	<0.5	7	56	54	1.97	<10	<1	0.11	<10	0.54	260	<1	0.07	4	550	8	<2	l 49	0.11	<10	<10	69	32
627553	180.0	183.0	<0.2	1.12	<2	100	<0.5	<2	0.86	<0.5	7	48	38	2.02	<10	<1	0.20	<10	0.50	230	<1	0.11	4	580	2	<2	l 8 4	0.10	· <10	<10	71	26
627554	183.0	186.0	<0.2	0.97	° <2	100	<0.5	<2	0.84	<0.5	6	55	74	1.95	<10	<1	0.18	<10	0.49	230	<1	0.09	5	560	6	2	1 11	3 0.09	<10	<10	68	26
627555	186.0	189,0	<0.2	1.49	<2	80	<0.5	<2	1.51	<0.5	6	46	237	1.95	<10	<1	0.13	<10	0.54	245	<1	0.12	4	550	6	2	2 13	5 0.09	<10	<10	68	28
627556	189.0	192.0	<0.2	0.89	4	90	<0.5	<2	0.78	<0.5	6	70	266	1.92	<10	<1	0.19	<10	0.46	215	<1	0.09	6	530	<2	<2	l 72	0.10	<10	<10	68	26
627557	192.0	195.0	<0.2	1.43	4	90	<0.5	<2	1.18	<0.5	7	62	90	2.00	<10	<1	0.13	<10	0.56	255	<1	0.14	4	560	<2	<2	2 16	7 0.11	<10	<10	70	32
627558	195.0	198.0	<0.2	1.25	8	90	<0.5	<2	1.09	<0.5	7	75	73	2.08	<10	<1	0.13	<10	0.55	265	<1	0.12	4	570	<2	<2	2 14	7 0.10	<10	<10	72	32
627559	198.0	201.0	<0.2	1.17	<2	60	<0.5	<2	1.13	<0.5	7	55	228		<10	<1	0.12	<10	0.56	265	<1	0.10	6	530	<2	<2	2 74	0.11	<10	<10	66	34
627560	201.0	204.0	0.2	1.05	<2	60	<0.5	<2	0.96	<0.5	7	85	147	2.09	<10	<1	0.12	<10	0.55	255	<1	0.10	7	570	<2	<2	l 64	0.12	<10	<10	73	32
627561	204.0	207.0	<0.2	1.15	<2	30	<0.5	<2	1.99	<0.5	7	64	63	1.82	<10	<1	0.13	<10	0.57	290	<1	0.09	4	510	2	2	2 54	0.08	<10	<10	58	34
627562	207.0	210.0	0.4	1.43	<2	70	<0.5	<2	1.32	<0.5	7	61	232	1.93	<10	<1	0.19	<10	0.50	245	<1	0.11	5	530	<2	<2 2	2 56	0.12	<10	<10	68	30
627563	210.0	213.0	0.2	1.10	<2	80	<0,5	<2	0.87	<0.5	6	83	66	2.05	<10	<1	0.17	<10	0.53	255	<1	0.11	5	540	2	2 2	2 59	0.12	<10	<10	73	32
627564	213.0	216.0	0.2	1.05	<2	70	< 0.5	<2	0.94	<0.5	7	68	163	2.08	<10	<1	0.15	<10	0.53	250	<1	0.09	4	580	<2	<2	58	0.12	<10	<10	74	32
627565	216.0	219.0	<0.2	1.53	<2	30	<0.5	<2	1.61	<0.5	6	60	27	1.83	10	<1	0.14	<10	0.60	255	<1	0.10	5	500	<2	<2 2	2 60	0.09	<10	<10	60	26
627566	219.0	222.0	<0.2	1.48	<2	30	<0.5	<2	1.44	<0.5	8	51	36	1.94	<10	<1	0.09	<10	0.67	280	1	0.07	6	610	4	<2 2	2 54	0.09	<10	<10	63	32
627567	222.0	225.0	<0.2	2.04	<2	30	0.5	<2	1.86	<0.5	8	57	44	2.08	10	<1	0.11	<10	0.91	375	<1	0.10	7	600	<2	<2	65	0.10	<10	<10	64	42

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DIAMOND DRILL SUMMARY

Project No. CVS Hole No. <u>93CVS - 6</u> Page / of _14

Property CVS

Claim ______CVS - 7

Section IEST WEST FLANK OF ROSCOE ANOMALY IN VICWITY OF ART'S SADWING.

Date Started	SEPT	. 29,	1993	N
Date Finishe	d Oct.	3, 10	193 N	
Logged By	S.E	NNS	<u> </u>	Enas
Contractor A	TLAS D	RILLIA	LG, KA	MLOOP
Core Stored	At CHATAW	AT LAKE	LODOE	CAMPSIT

	CORE SIZE	
FROM	то	SIZE
6.7	4124	NQ

TOTAL DEPTH	412.4
CORE RECOVERY	+99%

RECOVERY	+	9	9	%	,

	DOWN HOI	E SURVEY	·
FOOTAGE	DIP	AZIMUTH	
Tl. 6m	-54/2°	0420	
71.6m 221.3m	-540	042° 045%°	
			
A	1		· · · · · · · · · · · · · · · · · · ·

		SUMMARY LOG			ASS	SAYS		
FROM	то		FROM	то	1 Ca	PPAg	Mo	
0	6.7	OVERBURDEN	60	63	235			
6.7	13.7	ROSCOE GRANDDIORITE with several occumences of bornite accompanyed with chypocolla ands	63 halachite	66	1981	1.2		
Faulter	near lower c	v v	66	68	9262	6.4		
13.7	190.2	CHATAWAY GRANDDIDRITE grades into Roscoe phase and back again 20:0 to 25.0. Kspar	1366	1376	3110	1.2		L
hing on p	ink Zeolite V.	in stockwork 27.0-38.0 and again 55.0-67.0 accompanied by Saussentization and weak series		140 6	978			L
		alcocite - bornite vering and fractures at 63:0-67.0 66to 75°CA. A few minor bornite occurrences	1569	1609	1035			L
tween 104-	106. Claya	Hend interval 105,8 to 111.6. Ants showing zone possibly intersected of 51 -158.6 where Somile verns	+/60.9	163.9	347			
and borni	te and chalcoc	patchy te fractures and margins to sancite-epidate vembels occur at 646.76°CA. Grey que hodionite dyke 188.4 (mainly Roscoe)	198.°	201.0	1230			L
190.2 mai	hs boundary	(mainly Roscoe) to lower phasepand includer 2 chalcocite, 1mm veinlets 55 to 65°CA	201.0	204	1007			
190.2	294.Z	ROSCOE GRANDDIDRITE with mineralized 1-5mm fractures 60-B5°CA with little or no apparent associ	2273	2308	602			
due the innel	alteration bet	veen 190.5 and 201.5. Two intervals of tradetale intensity sericite and Kspat, respectively accurat 203	2308 -207	2338	700		99	
d 215-221	with little minaral	ination. Several bornite-chalcocite verias, 2-4mm Thick, 55-80°CA occur between 227and 237. Faultoccurs at	254°	257°	484			
54.7 - 255.	- An interval	of intense pink Kopar alteration accompanied by chlorifized matics and sericite fractures occurs at	305	308	1.918		141	
49.5-266	This is accomp	anied by bounde as sparse disseminations in Kspar altered tock or with epidote - quarte vainlets . The	308	31	276			
est densiti	of mineraliz	ed veris occurs as 1-4 mm bornite and chalcocite tractures, 60-65 °CA, with weak bleached alter	104 3123	3153	265			
nvelopes	between 266	" and 268." and again between 278," and 280° where 5 chalcocite fractures are 55-57°ca	. 3153	3183	392	-		_
elow This	scattered ch	alcocite and bornite finetures display 47-65°CA.	341	344	276			
294.2	3090	ROSCOE GRANDSIDRITE - GRANDDIDRITE DYKE HYBRID - is mixture of two physes with	356	359	280			
uo interval	s of intense	Kapar picking between 302 and 309, That includes two high grade chalcopyrite - bornite and	359	361	322			
ulcocite-	bornite min	ieratized quartz-epidote veins at 55° cA, 3 to 5 cm in width .	376?	3787	1277			
3090	<u>338²</u>	ROSCOE GRANDDIDAITE with several chalcocite and bordite fractures and margins to que	<u>t-</u>					
idote su	-70°CA, veins	at 3143-318 and again at 329.7-332° with 55-85°CA. Between 334 and 335 an altered	1					
Erval of K	spar and wea	k quarte-servicite fractures overlaps this and the lower geologic intervals that include altered						
1		Roscie granodiovite with sponse mineralization KONTINUED ON SHEET 1.1	-					

DIAMOND DRILL SUMMARY - CONT'S-

Project N	o. evs
Hole No.	93CV5-6
Page 1.1 c	of_14_

			SUMMARY LOG			AS	SAYS	·					
	FROM	то	CONTINUES FROM PAGE 1.	FROM	то	Cu							
	338,2		SEVERAL INTERVALS OF ALTERED GRANDDIDRITE DYKE, ALTERED ROSCOE GRANDDIDRIT	ie.						Section -			
		-	RANODIORITE.							Date Star	ted		
	349.4	,	ROSCOE GRANDBIORITE with moderately intense Kspar alteration in lower part. A few							Date Fini	shed		
\sim		1	quarte epidate vein margins display 78-85° CA.							Logged B	у		<u> </u>
)	. 366.1		FINE GRAINED GRANDDIORITE DYKE also altered by intense Ksom with minor										
			-							Core Stor	ed At		
		1	on. Fault at 373.8-374,7 60-65"CA new lower contact								CORE SIZE	т "	
	375°	4	CHATAWAY GRANDDIDRITE with several specularite occurrences und atlasst one		:					FROM	TO	SIZE	
	chalcucite	-bomite o	ccureace at 396 with 75°CA.		: · .						-	· · · · · · ·	
					[<u> </u>				*		
						ļ	·]
										TOTAL DEP			
				_		ļ				CORE RECO	VERY		
											ILLAR SURVI		
					N					EASTING			
										BEARING			
			· · · · · · · · · · · · · · · · · · ·							REFERENCI			
											DOWN HO	LE SURVEY	
	········									FOOTAGE	DIP	AZIMUTH	
					-				· · ·				
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DIAMOND DRILL LOG

PROJECT : <u>CV S</u> D.D.H. NO.: <u>93CV5</u>- 6 Sheet <u>2</u> of <u>14</u>

INTE	RVAL	DESCRIPTION		ALTI	ERAT	ION		NSITT		MI	NERA	LIZATI	ION			ASSAY	78	
FROM	то		A	В	C	,	D	FRACTUR		CP BN	I PY M	AG CC		SAMPLE	FROM	то	Cu	
0	6.7	CASING																
6.7	13/7	ROSCOE GRANUBIORITE																
	~	Course enleded Homeflands 12 to 14% , 2 to 6 mm. Bloc	ka c	sne.	6.	76	14.	3										
		Pink Kapon envelopes on Zeolite verisond fractures.	Γ															
o7.9		Bornite chip with charge alla and malachite on chip of roce								¥	4							
2 13.7		chalcocite speck with malachite										\times			.*			
e 11°	128	Fault Zone Lost Core 1.5m.																
		Some gradution occurs from Roseve phase to standard chate	Ian	n-A	are	al	-10	40 U	A	n b	ack	5 /	220	e. o l		Q		
			1	1								- / -	<u> </u>					
137	20	CHATAWAY GRANDDIORITE																
с		Mednin graned granodiorite which marioble size hornblande	au	tul	ben		bino	da 1	lik	Ba	chle	hem	nho	e) bu	+ nine	11		
		uniform mapie distribution 15 to 16 % 2 to Smin homblen																
@ 143		Breccisted section with groy ground mass 40 cm wide													2			
@ 17.3	17.5	Pink Qtz aplite Lyke																
		4 to 6 pink and per m. fortures and zealite vemilet	5 50) %	60 .	cA									·····			_
@ 165		Small Scon fault 65°CA gougo.																
20.0		Grades into Roscoe phase																
															<u> </u>			
20	25	ROSCOE GRAND DIORITE														/		
21.		Frequency of puck Zeolite white calaite seins increases to leto 8,	In	eo	me	min	h	hund			to the	K	zar	endela	405	40+	2000	4
25		Fault zone with cremelated fractures on outer margins	Gori	u e	. <	200	A				<u> </u>							
25.7	159	Pint querty aplite dyke.	0															
		The second														_		

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CVS</u>-6 Sheet <u>3</u> of <u>14</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION		ASSAYS	
FROM	то		A B C D LA	CP BN PY MAG CC	SAMPLE FROM	TO Cu	
250	1884	CHATAWAY GRANDBIORITE ? (with possible 25 to 137 BeTHLEA	EM PHASE ??)				
25.7	259	Pink quarty aplike very frochined. 1402 & disseminated non	wette				
276	287	Punk aphite as 257 425-9.					
@ 29	P	Fault Zone Lost Core - ground rubble. ~ O. Sm.					
		Kopan sinting on pint Zewhite Veins 4 to 5 fm. down to	27.0				
27	38.	Kopar pinking on pink Zeolite - white calcite stock work.	Gto 10/m 45 to 60°CA				
		Minor aleak mulachite on some firetures.			627658 30	33 150	
377	38'	Fault Zone Gonge 45° cA healed with Zeolite - Calcite			627659 33		
@ 40.	and 40°	³ Two steered Calate Zealite Veins I const with sericite weakly foliated with	50 °CA Butheve	and there 15 asuggest	Ach of Bimode	1 Hown blende 512	e distribu
		Gray divite becomes fince grained, of uniform mafec's	Les tribution below 35 f- co	I this be a phese	J BeThleh	en dahe? -	bimidal
0 42			5 cm dome week epido	te and calcite.	45°-50°0	A subeque	1 5 H 0 FA
@ 47 2		Lost Core - O. G. m. very blocky.					
<u>e 47.5</u>	: 47	" Foult Zone - subble and goinge					
479	49	" Malachite = chrysocalla stained sibilified and intense ser					
		minor residual chalcoute with blebs of burnite - fran		¥ ×			
49."	55.	Below mineralization is unaltered Chataway groundworte in	ich ihm pink Kopan				
		envelope froctiones (2 to 3/m.) of puick Zeolite.			<u> </u>		
55 °	67	Intense pink Zealite- celcite stockwork with "enveloper and p					
		and serieite alteration (weak to moderate) interval. Incu	eased sericite content at	60. m.	<u> </u>		
@61.9		This Malachite visite at by calite Muluchite 80° CA.			<u> </u>		
0617	644	Intense dank pervasive sericite alteration with several	mininged Union Serie	ite is warse Bro	for Core	·	
@63.		2 cm sincite Qtz Bounte Ven 75°Ct with Malachile		× .			
@63.4		Pink 20 cm grouite lyke 65° CA.					
0 64		Broken Q+2-course sericite interval 20 cm.					

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DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93</u><u>CV</u>5-6 Sheet <u>4</u> of <u>14</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION		ASSAYS	
FROM	то		A B C D LA	CP BN PY MAG C	SAMPLE FROM	M_TO Cu	
265,2		Small 10 cm, foult. Adjaint rock. above go cm free	the		627660 5	0 63 235	
ن . م اما ذ		10 cm zone of Q+2- Sericite Bomite frontines /menin 7		×	627661 6	1	2
67-0		66° cA High grade Chalcoute - Bomite - Malachite vein w.	Th puck realite - culuite	¥ *	627662 6	6 68 9262 6	4
		mineralization is about 1 cm wide			627769 68		
67	80	Below mineralization groundwrite is unaltered, cut only by	sparse stockwork of 2	ealite	627 770 71	74 88	
		with 2 to 3 /m. Intrusive grades into short 5 to 20 cm.			627771 74	u <u>77</u> 79	
		Unit is manive Stil fortunes/m			1		
579.0		45° CA Small foult 5 cm red hematito slip.					
7 816	82		A) zone				
80	92	Incipiant braccia to highly frontined chiled by claim zaoli Granodionite and infine to medium grained, milformely d	intributed makes 15-61	7% at by weak 2.	dite stock.	unk 2704/m	. occad
847	851	puik grouite dyke.	here and there note	suggestion of		inte vuilet.	
ə 89	91		bimodal matri size (Betaleben??).	u .		
o 90		Small Sam fault clay your, and unsted care					
Q 93	947	Intrusion breacin zone smar to 20cm clasts subsounded some mater	il - week shearing CA par	elel.			
0 92		In Tursive gradually coursening, still mussive, uniform			round gr	un senecte cet	2 vendet
₽ 98 ⁹	99'	Small fault with simile venter's and green sericite member			OCA. 97%	: : :	
		Gradual minease in prick Zealite Venilets below 100 m. to 3	4/1m 1+2 mm with	white calute cares.	60 40 700	CA.	
1013		Small foult - sondy care and source					
1026		1 cm Zealite - Ouarty ven cuts green serieite venilet - nume	was and zestite a lit	culate fan venilets /	This miein	ity	_
@1073		Breachted aty-aplite pint dyke 2cm with malachite staine				~	
01045		Faulted Zighte Vin - gouge 3 cm 75 °CA.					
01047	1058		ite on firstures	×			
		Several spots of Bornite -> malachite					
1058	1116	Soft core from clay alteration due to pink Zeslite stockwork	down to about 111.6		627/6/03 100	· 109 109	

Pinh zerlife coved by white calcite. Some vins accompanied by unidota, Interval looks sheared.

DIAMOND DRILL LOG

PROJECT : <u>CV5</u> D.D.H. NO.: <u>93CV</u>5-6 Sheet <u>5</u> of <u>14</u>

INTE	RVAL	DESCRIPTION		ALT	ERAT	ION		LIN NUMBER		N	INER	ALIZA'	TION			ASS	AYS			
FROM	то		A	В	. (C	D			CPI	N PY	MAG		SAMPL	E FROI	a to	(ես		
a/13 ²		Sheve 60°cA 2an wide												-						
0115	117	Blocky care with pink envelopes on Otr service veries 55 to 65°C	1																	
		Lost Cone 0.5m between 115.8 to 116-7 -ground					$\overline{/}$													
@18 ³		Small shear 55° CA with 0.3 interval above of Icm pinh Zeolite Vein	4 0°	A.																
@1184	118				Bloc	chy	con	e 6 e	low.										-	
@ 120 ⁴	1207	Small fault zone 55° cA gouge - clay red hermatite.				Y														
71207	122	Zeolite verned v le /m. 30 to 40°CA Kemuride with a	ente	core	4.1	vare	slele	dig	u 1	ne	L K	nan	eur	elopa	Cant	Tul se	nn	te en	ualo,	<u>u)</u>
1122	4 122	6 Interne altered ate course serieite interval -no misible m	mean	وبيل	tion				/	1										
		Core becomes many manive with sparse put cashto veins		·																
a) 247		Small foult 45°CA gouge of clay clips																		
2		Greno diorite is Typical chatemany cut by 1 to 2 pink Leslite vanis	Im	. hu	yer	venns	<u>p</u>	rduce	16	<u> 3 cm</u>	pint	h Ka	nun en	velope	<u>.</u> 2	5° C1.	L	al	ore	<u>ser</u>
B128		Smull Fundt			v		<u>′</u>							62777	2 130	<u>, 13</u>	<u>, </u>	81		
1290	129	Incipient breccie zne intrussion breccie												62777	3 /33	4 13	6 ^{.6} /	42		
01366	137.7	Intense serieste - Oto alteration approaching the foult be	lo y	1 cm	te	<u>+ -</u>	Ne	m	ible	nu	nein	lizat	ion.	6276	14 130	5 13	7.63	110 1.	1	
								<u>j</u>						62771	14 137	6 14	o.6 g	78		
137	1884	ROSCOE GRANDDIORITE.										ľ		62777	5 110	6 14	3.6	94		
@137	7	Fault Zone with 15 cm Chlorite - clay rethematile anes 53	\sim	4								15								
		Course guined clamplinde dominant groundoute with do	9 e.	por	k.h	tii	ks		- a	th	7 5	para	e pi	infr Z.	cohte	vein	mile.	mere	lep	Lal
01414		Local gradual transition to granstituite place above - no conto																		
2146	6	CAN																		
		a few minor faults . A 46° CA at 144.3 ; dan 36° CA of 147.	2																	
2150	>	Block y Crie & mult foult 28° CA																		
151		2103 mm Chalcocite - Bomite Vein 80°CA accompanied by m	no	gtz	. 4	,Hl	e e	nde	J.	wall	Xole	alte	inter							
		Surrounding wall rock variably with Kopan altered by with real	to in	unte	t	00	DA2		to				neral		Ł					

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CV</u> Sheet <u>6</u> of <u>1</u>

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INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		<u>A B C D EZ</u>	CP BN PY MAG CC Ch	SAMPLE FROM TO Cu
@152?		CA parallel Service prochere which meninte blebs of chalaverte	elan m		627665-1509 1539 93
0153	7	52°CA, 1 to 4mm Chalewate Bornite Vendet similar to 1	51.0 Otzaccompanies	\star	627666 1539 156 9 169
		sulphides which occur very irregularly along The poorly defi	ied Veini (Photo).		127667 1569 15999911
0154.6	1555	Servicite Q te and Epidete filled practices 4 to 5 /m.			627776 1599 1609 1035
01579		Minior Chalquite on margin to sericite epidote zeolite fracture	63°CA	*	62766B 1609 163 9347
01586		Three I mm chalcoute - formite fieled fractures 64 to 76° cr -		¥ *	
@ 1590		Small fould with clay Service gouge 55° CA dematite ships			
@ 1608	161'	10 cm clay - sericite foult zone. Serinite pervasive alteration	où is uiture backside	,	
		of foret ~ 20 cm			
961.1	1619	Coarse servicite development in 56°CA frontines and 5 to 1000	a wallnord -nousible	hi	
	·	small fait t at 161.6			
@163'		1 mm 86° CA partially chalcoate field frontine		. *	
@164 ⁴		taulted fracture with gouge of clay-sericite and sericite u	selevele attention 5 am	*	
		63°CA - trace native copper in walls sets			
@ 150	165	Weak clear zealite filled yeenlets as weak alsokusark			
0 1654		Foreted froctions of seriate 40°CA.			
@165	,	20 cm at - Semilte interval 56 °CA. with & epidate	enis 58°CA.		
@ 166	162			tures.	
01679		10 cm small toult - sondy 97° CA.			
01727		Small fult - growel and clay sericite - trace cholescite and	specks native copper	**	
@ 1755	1750	Shout interval of gray granodiante dyte injection at 176. 0.			
01786	180	Same my provodoute dyke with Roscoe groundwite inche	100 179.6 (30 cm).	- POSSIBLE BETH	LEHEM PHASE ? -
	1		hachines and pink Kro onve		
		Trace chalcoute at 180.1		×	627669 179 181 123
@179.8		Small fault 55° CA - Clay service muse epidote and the	e chalcocite	¥	

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DIAMOND DRILL LOG

PROJECT : <u>CPS</u> D.D.H. NO.: <u>93CV5</u>-6 Sheet <u>7</u> of <u>19</u>

INTER	RVAL	DESCRIPTION	ALTERATION		MINERALIZATION		ASSAYS	
FROM	то		A B C D	FRACTUR	P BN PY MAGCC	SAMPLE FROM	TO	
/		Poscoe continues to show weak enably alteration of Kopon pinking	on dencito ate for	cture 50°	c#			
186=		10 an crush zone - fourt will not thematile slips 90° cr						
		chelcoate occurrence as small blebs on poorly defined venlets a	2			627670 183	186 63	
		fellows: 186.5 mongin to epidate - Servicite vember 40°CA			*	627671 186	189 143	
		186.6 81 ct I min frontine			*	627672 189	192196	
		187.4 bleb on maryin to green @12 - sericite with prite en	elipe 75°CA		¥	627673 192	195 276	
						627674- 195	198 69	<u> </u>
8-8.4	1902	GREY GRANDDIDRITE DYKE				627675 188	201/230	
		Similar to 1786 to 180? with Iman black Horn blende mede	,			676676 201	204 1007	
		Cut by pint another on fractures and mineralized by chalcoute;				676677 204	20-7 146	
					✓	627678 207	210 147	
		188.6 65°CA Imm purch defined van 7 no and 188.8 55°CA Imm Vainalet	ccode of a commentation	emen T	x	627679 ZO	213 168	
						627680 213	216 100	<u> </u>
10.2	294.2	ROSCOE GRANODEURITE				627681 216	219 76	
		As 137 " + 188.4; 50cm grey dyke at 190.?						
905		72° con ponly defined very with chalcoute Aleba			¥			<u> </u>
1913	1919	- Fault Zone, with advicent alteration - Zwhite verning with Kapp	- nuik envelope	1 down to	99.	-		
297		Small foult 55 to 70°CA Also at 196.7 10 cm foult. 45°CA.	1980 45 CA					
		and 200,0 80° CA - 5 engory - series 203 + 5 and chang- series the	metile quigo.					<u></u>
		Chalcuite Bornik securemen at: (19 3.9 (mm 85° CA - Muly.			* *	7		
	·····	1957 Inone bleday unalet 82 .	•		* *	weak a	intinity of	numeral
		Display no apparent associated T29 7. 5 mm cets Service veni,			* *	Auctures		
		hydrathermal alteration. 200.4 2mm chalcocits verialet	610 cd cithy green of	26 Siniste	¥ ×			
		201.5 Dissen, inted blebs or fi	lun 60°CA (P)	(oto)	whet at 50°CA			

aren Otz-Sericite venlets at 142/m cut CA 45 to 50° - They appen to be late - post mineral ! (Photo) are present " form. (per m) es

DIAMOND DRILL LOG

PROJECT : <u>CKS</u> D.D.H. NO.:<u>93CV5</u>-6 Sheet <u>8</u> of <u>1</u>4

INTE	ERVAL	DESCRIPTION	ALTERATION	MINERALIZATION		ASSAYS	
FROM	TO		A B C D EA	CP BN PY MAGCC	SAMPLE FROM	TO Cu	
		Geonodionite begoning intensely service and und Hemotite altered	belm 2035 Gouge at 30+045	°CA and			
		local picking (Kopar) is present. Actual clay serieite	going camero at 2035 820 CA.	203-7, 203 8 35 CA			,
		204.0 40°CA as nervers 1+2 cm zmes.					
02090	209	Smell Fult 850 CA. Clay - Sericite and red herated	E with Zenerte - celerte ventet				
0206.		- K-Span	below 206 as compared with	above 180m			
@2022	ł	55° CA 2 to Aman Oty-Service mineralized Veri with		- 14 *			
		displays a weak sink Koper hals.					
		Small faults at 210.7 70°cA ; 210.9 50°CA.	· 212.2 70° cA. 212.9	65°CA most sec	ur with a	maite neuvelope	n do
		hands and regregant ships. The interval 210 to 215				envelopes 243	1
@219	7		pale Kop an envelope & di	ν κ			
		filler mineralized fracture? or is alteration related to	· · · · · · · · · · · · · · · · · · ·	97 - Samile Venilet			
@213	2	Sparse Bomite mineralization accours a descrimation					
@214	3	5 to 6 cm pink zest te calute complex veni 67°C					
0212	3	Dem fault 72°CA with day geniete such several (-		et.			
0215	· · ·	Below 215 sparse green at sericite vendets =1/m.;		is local I 1 do 2 pour 20	. Drusy cle	a zweite Lel.	1.4
		here and share 15 to 45° CA. Pinking by Kaper and las	, , , , , , , , , , , , , , , , , , , ,		, , ,		
@221	238	3 to Almon at - Service Views which endote - ou			Reolite , Louis	at to 2 / ma	
(224.		5 cm nink Zeshike relate vein 72°CA.	· / · · · · · · · · · · · · · · · · · ·		627777 2243		
		Munerales ation at 227.6 75°CA chalcocite on	mus quicito cto vers	¥ ¥	627682 1273		
		5227.9 55°CA 2to3mu patchy		× ×	627778 2308	233 700	
		I am pink Kypon melere attential 230. 7 80 CA 2h4 botch		K X		235° - gap -	
@ 232	3		un sericite envelope. bloc	key and he have ton	1×271683 235°		
234	3	10 om Lault 40°CA.		June of the form	04100		
0 232	4	3 cm white Ok - Chalewrite Vein 107° CA		¥			

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93CV</u>5-G Sheet <u>9</u> of <u>14</u>

INTE	RVAL	DESCRIPTION	ALTERATION	NSCHOOL STATE	MINERALIZATION		ASSAYS
FROM	TO		А В С Р		CP BN PY MAG Ce	SAMPLE FROM	TO Cu
238°	2499	Local pint restite stock while commutations 238.1+6238.7	لم	i tea			
		239.3 to 241.9, 143. 5to 243.71 247.1 to 247.4 as multipl	vino systems 7	but curred			
		dork green sericite alteration					
248.		Single dissominated speak of chalaspipite adjacent to h	omblende.				
2198	266.0	Intensed pinking of groundionite and chlority ation of meficis.		naite slips	and firstures		
252		Barnite - Qteven 56 °CA 2 an Thick with 1% bornite	6	RAPHIC 1	X	627684 248	251 28
,2547	2552	Fault Zone. 25°CA				627685 251	257 31
> 260	· · · · · · · · · · · · · · · · · · ·	43°CA Ate Sincita Epidole Vin with minus Chalcocito		>	*	627686 254	257484
260,	5	Bomiteo disseminated with interse Kopen al heating			· ¥	627687 257	260 78
260.	в :	5 cm white OG-Serieite epidate veni - minor Bornett diseminat	m 55°CA -	252	¥	627688 260	263178
2649		5 cm epidate Vin 55°CA with sparse disseminated Bomite			★	627687 263	266160
		Pervanine pinking alteration declines below 266m.		250		627690 266	269214
266	2665	This chalesuite - bounite fractures some on manginis of the s	execute verilety	1		627691 269	272 42
		athers as fortures with aread 5 to 10 men prich afteration en		1 257			
		266,9 60° CA 2 Veris 5 cm apart.		<u>A</u>	* *		
		267.4 60° 1mm		1 260	* *		
	<u>.</u>	267. 4 60° 2-4mm "juicy Vien & Photo and Calleting en 21-7 650 Splitsample.	dure of weak	(* *		
		267. 7 650 jun . Splitsample. wallord fle	reling and	262	× ×		
		268.0 62 1mm margin of cets service) publicity alle	utini /	4	* *		
		268.2 45°CA 2 mm mayin of the service	/	264	br 4		
		Roscoe granodivite is unaltered below The week mineralization	- interval	1			
		except for 1 to 2 pink envelope fractures per m. It is mussive 3 to 3		1 1/1		627692 278	281 114
278		5 Chalcocite - bomite mineralized fractures - two with faint pinks			★ ★	627693 281	284.228
Í		This interval similarly unaltered (except very locally) as descure				627697 284	287 55

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DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.:<u>93CVS</u>-6 Sheet <u>19</u> of <u>14</u>

INTERV	AL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	TO		A B C D EZ	CP BN PY MAG Cc	SAMPLE FROM TO Cu
2808		Small fourt - red here titi slips 74°CA with 30cm of any	aient chearing		
		Blocky case below fault down to 288.5. Slynt increase	i Konny , if envelope alleanting	a mecentring higher.	lemity sericite procheses .
283.2		50° CA chalcoute on fracture margin.		*	
2844		65°CA Ima Bornite fracture		¥	627695 290 293 254
286.7		20 cm fautt Clay-sericite bed hematite gouge and hear	± 55-° €A		
2904		47° CA. minor chalesite on pink envelope servicete furture		*	
2919		Trace chalcocite		*	
2923		60°CA minin chalcocite as maryin of pink Zerlite - calcite ,	in with Rean press Kapon enere	lope y	
2910	300	Patchy put alteration (16spar envelopes) intercases in	interity and is accompanie	2/	
		by epidete vinning and mile pidate enveloped Ve	ins Epidote peris 25 6 55 CA	1 Lealily forching 3 to 41	fme.
2942		* almost transition to granodiarite place ikat is a com			
		(ahone) and Roscoe granschisrite ve: green anyhilale			
		black homblende crystuls - phase of Bethleh			
942	309	ROSCOF - GREY DYRE HYBRID PHASE.			
		as described above to phase is transitional to typical	coarse Percue phase at 308	4309.	
300.5	300 5	Small foult 10 to 15th CB			
30/	3013	Puich At applie detre 55 to 60°CA cut by the - 50 one amine	adote 3 way your 60 car with a	arecoute X	
302	303	Interne Kopen prinkring	heliocek ven at love chiles 500	C4	
304)		76°CA Chalcoate 1/2min 123 min auto prich alteration encel	ope. (phate).		308.0
3068	309	Kspan put altered interval ~ 65t. 70% as bread en	velopes to several large ve	ins - very inter se he have	301, w/27/A1, 302 305 98
3074.		2 cm Otz Epidote calate vein with 1 6/2 cm Thick Chalespy	• • • • • • • • • • • • • • • • • • • •		627697 305 308 1918
3078		3 cm Ote Epidote Ven with ships and s Treaks of chalco			627698 308 311 276
3109		55° CA Oby-Sericite ven with 3 cru sich envelope and me		*	

DIAMOND DRILL LOG

INTE	RVAL	DESCRIPTION	ALTERATION	LINSN	MINERALIZATION	Ţ	ASSAS	7S	
FROM	TO		A B C D	HINI	CP BN PY MAG CC	SAMPLE FROM	a to	Cu	
@311. ⁸		Strong stear zone							
@311.8	312.	3 Intense pink Zeolite stockwork.							
@3123	3350		upe ou spanse prin	4					
		Zeolite and epidote veins about 2 to 3/m. Clear zeolite In	he willts act con						
		at random 313 to 3116.5" Service froctures about 2 to							
@ 314 ³		Imm chalevate venilet 50°CA			*	627 699 31.	7.3 3.15	3 265	
C 3148	. 315	Several Imm chalcocite and sponse bounte lineal fraction	- 50°CA		¥ ¥	627700 315	.1 3/8	3 392	
~ 317°		Thease Kspan altered interval from Oto epidote veni system		dess	¥				
@ 3/7.8		50° CA chalcucite - bom, to frontine 1mm			×				
a 3185	3196	Gry groundiviste dythe fine grained.							
a 322		Roscue groundionite weakly Kopan aldered by frontiner win con	Folled invelopes 14	2/m	rost				
•		less Thon / con wide .	<u> </u>						
@ 324.4		I cm foult up clay sericite 2 ougo 50°CA				627701 32	6 329	62	
@327!		Small foult law blocky core.				627702 32	9 332	374	
		Several mineralized chachines :				627703 3	52 335	160	
		=329.7 50°CA marginal chalcocite an 2 to 3mm Oth - epidote vain	with Zam Kram ener	Lone	*				
		> 32 9 2 to 3 30.0 85° CA 1 to 3 min chalcocite and barnik an epido			Ker be				
		pink mortype about 10 cm a larger zune	/						
		336.2 55° CA as chales at fronting - mo alteration envelope				Thocal hig	hguade	veins	
		332. " dessenimited hamite marganil to sericite ab Vein	¢.t		¥ ·				
@ 331		Pick Ob Aplite Lyte 60° CA.							
@3368		20 cm small fault 75° cA - red here tite slips with s	me epidote venino						
@ 335		Pint Kopan alterationi intensity and content increases caus	ad by greater fragues	and a	nidola				
	T	Zeolite venis. 55 to 60°CA. Results in mottled pink appears	mee Also 4 tos anous s	minite -	lets vinites 65	to BO"CA		_	

DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>93cVS</u>-C Sheet <u>12</u> of <u>14</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	TO		ALTERATION AINTE A B C D E	CP BN PY MAG Cc	SAMPLE FROM TO Cu
2338. ²	340.Z	ALTERED GRANODIORITE DYKE			
		Chataway variety, weakly Johnted matics., at by	pink Zeolite and green epidete 14	uni 5	
		about 45% pink Kspur altered and cut by 12mm Oth	Service vers and mal shears 3.9 in	ne delescite ×	627704 338 34/ 175
					627705 341 344 276
340.2	342.2	ROSCOE GRANODIORITE	ب در ک		627706 344 348 49
		Similarly altered as unit above. with several small	oheans at 3 40-8 341.6		627707 348 351 35
342.2	346'	-ALTERED GRANODIONITE DYKE			
		Similarly attend as 338.2 to 340.2 .35°CA she	and lower carlet 340		
3457		50 ° cA chalcouite vendet in intense pink Kspar alt		¥	
346		ALTERED ROSCOE GRANDBULLITO	342		
		intense, Kopan personsis altered and usealtens abrugtly -			
347	21	Lyke at 347 to 347 + : Dyke has altered Roscoe co	untry wocks and		
3481	349 4	GRIND DI URITE DYKE			
		String 40° fulcition of matrices	344		
3494.	366.1	ROSCOE GRANODIORITE			
		Mso areakly Bluted matis 47°CA	1		
235D3		epidole vin with 15 cm sink envelope			
0 351.		Small failt 60°CA hematite - clay ships 20an	2mP. 357		627 708 356 357 280
352 3		Pink reality Veri and and			627709 359 36/ 322
3538	354 4	Bink zevhite Vein swarm during Metwork of CA parallel clum 2 2evlite weindets.			WATLOT 101 501 522
2358	359	Weak patchy dentisi & Kypare with securit fortues		*	
2352 ⁶		Minin Chelevate on fracting 25° CA			
3569					
357.1		At and to very 1 cm 60°CA. chalunite on and Service from margin 78° CA.		<u> </u>	

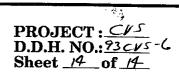
DIAMOND DRILL LOG

PROJECT : <u>CVS</u> D.D.H. NO.: <u>73CV</u>5-6 Sheet <u>13</u> of <u>14</u>

INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		ALTERATION	CP BN PY MAG CC	SAMPLE FROM TO Cu
o 358°	3593	Zone cut by seriaite fortures and prink Know affered Minis che	locit on some fortunes	*	
@ 358.1		Otzepidate vein 2 convide 85°CA minin Chalcoute specks	Algount sind zalla	*	
		ven 2 cm wide .			
@ 361	376.7	Pinte Koppon alteration becoming stronger ducto shears, mail faulto	and zerlite verns accompo	ared by	
		epidote reining. Overall moderate intensity und local maria			
@ 3637		2 cm realite calate epidate servite nem 40°CA			
= 365 ³	3656	Sheared realite calite veri 46°CA.	362		
@ 366.1		sheared contact with red earthy slips (5°CA.			
			364		
366.1	375.0	FINE GRAINED GRANODIORITE DYKE - BETHLEHEM?			
	2	Variably altered with 5to 6% Im - baitite cuptals - Displays	lunge I am put hot beir Kap	un s	
		Blochy core sheared . Short section of Roscoe grun advante 367. 645	67-8		
a267°		Bleby chalescite in Kopan altered section	318	₩	627 710 366 369 156
		Specularite on fractures with epidate veins.			627711 369° 371° 2
3739	3 74?	Fundt Zone 601 to 65°CA	2/370		627779 3710 3740 36
		This phose seemes to grade into Chataway groundionite Local	intervalo 37 th 322 home	some expensance .	of Bethlehem , have w. Th
		coarse, ~50% poikolitic Houndbude cuptule but the prade	into christiane Mafie co	retent merell is go	uta Then 150%.
376.7	377.7	Interse pink Ks par alteration - pervasive with specularite furchires.	Epilote reining		627780 374. 3767 69
		6 to 7/m Chalacite in fractures and veinlets 85 CA at 377.3 and	epilote chilade 374	×	627 376 7 378 71277
		Verni with Chalcocite - pontite at 378. 8 75"CA		* *	627781 378 381 23
			376		627782 381.7 3847 22
375.0	412.4	CHATAWAY GRANDDIDRITE			
		Howklande downant 140 4 mm chumblende with some variations.	louely 378.		
380-3		Hematite clay ship 60°CA.			

DIAMOND DRILL LOG

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INTE	RVAL	DESCRIPTION	ALTERATION	MINERALIZATION	ASSAYS
FROM	то		ALTERATION 22 A B C D 22	CP BN PY MAG Cc	SAMPLE FROM TO Cu
		Grand durite is purchasted by local Kapon pich alteration on f	octures (2 do 3/m) and		
		pink zeolito veine N 50° CA. Wide pink alteration patches are	local to small here	tite- clay ships on	I shorts
382.5	• 	mall 5 cm foult 70° to 25° CA hemetite along goinge and breec in	. Again A 382.9	383.1,382.2	
≥ 38 f °		65°CA Zeolite - caleite ven 1.5 cm wide with humatite slip	and adjacent indate	-seriate allenter	
3859	388	2 to 5 mm white its green serie Vous 79° crs with 4+ 5 mm p	you pick affection env	lopes	
3882		Sheared verie of zeolite calcite with apidate - prich Kapan ouvelape			
3931		20 cm section of dark green sericite altered rune by lan prik 2		cA	
396	397	Two internals of Kapar chlorite alteration wich specularite	Vines nº 550 CA trace	Chalencyte? +	627713 395 397 3138
4032		2. Chloritized matics and Kopen affered zone with white cali			
		strungers and red Rematite slips.			
448	905	Darkgreen unite pervosive alteration from pink zestite calit	uminio.		
4078	408	Darkgrow a muchanite ahara	67		
410 2		Kspar altered by gtz-epidoto vein 80°CA with hemitite str	63 - small fuilt Al	teration, above and	
		behas the furth blochy core last two runs. Specularite	on ships and as yearies		
412	4	Encl of hole			
ľ					

HOLCV.506,XLS

SAMPLE	FROM	TO	Ag	Al	Às	Ba	Вө	Bi	Ca	Cd	Co	Cr	Cu	Fø	Ga	Hg	ĸ	La	Mg	Mn	Mo	Na	Ni	Р	Pb	Sb	Sc	C.	1 7 5	723		1	1 _
	D	m	ppm	%	рры	ppm	ррв	рра	X	ppm	pp∎	ррв	ppm	x	ppm	ppm	%	ррт	2	ppm	ppn	*	ppm	рры	ppm	ppm	1	1	Ti	<u>T1</u>	U	V	Zı
627658	30.0	33.0	<0.2	2.76	2	60	<0.5	<2	2.69	<0.5	10	93	150	2.49	10	1	0,31	40	0.87	475	1	0.10	10	580	6	6	рр ∎ 6		%	ppm	pp∎	ppn	pp
627659	33.0	36.0	<0.2	2.27	(2	70	<0.5	<2	2.21	<0.5	10	89	183	2.35	10	<1	0.27	30	0.77	375	<1	0,09	7	570	8	2	5	97	0.11	<10	<10	76	56
627660	60.0	63.0	<0.2	3.52	14	60	<0.5	<2	3.46	<0.5	11	83	235	2.51	10	<1	0.41	40	0.90	480	<1	0.07	8	570	4	<2	7	77	0.20	1	<10	80	36
627661	63.0	66.0	1,2	2.37	16	140	<0.5	2	1.88	<0.5	13	96	1981	2.53	10	<1	0.61	30	0.79	420	5	0.09	8	570	<2	<2	5	108	0.13	<10	<10	77	36
627662	66.0	68.0	6.4	2.37	6	80	<0.5	<2	2.04	<0.5	12	79	9262	2.64	10	<1	0,40	30	0.76	375	1	0.08	9	610	2	2	5	100	0.15	<10	<10	74	30
627769	68.0	71.0	0.2	1.49	(2	80	<0.5	<2	1.35	<0.5	6	101	96	1.98	10	<1	0.16	<10	0.57	255	<1	0.09	7	500	4	2	2	125	0.21	<10	<10	82	38
627770	71.0	74.0	<0.2	1.61	<2	70	<0.5	<2	1.62	<0.5	7	97	88	1.99	10	<1	0.16		0.63	275	<1	0.08	5	520	2	<2	2	140	0.12	<10	<10	71	28
627771	74.0	77.0	<0.2	1.29	<2	110	<0.5	<2	1.15	<0.5	7	110	79	2.10	10	<1	0.20	<10	0.59	270	1	0.10	4	460	4	<2	2	151	+	<10	<10	70	32
627663	106.0	109.0	<0.2	2.78	18	50	<0.5	< 2	2.83	<0.5	11	64	109	2.49	10	<1	0.33	40	0.84	420	<1	0.07	7	610	4	2	7	95	0.13	<10	<10	75	28
627772	130.6	133.6	<0.2	1.41	<2	80	<0.5	<2	1.27	<0.5	7	121	81	2.17	10	<1	0.19	<10	0.64	290	<1	0.11	6	540	6	<2	2	75	0.21	<10	<10	81	42
627773	133.6	136.6	<0.2	1.82	<2	80	<0.5	<2	1.90	<0.5	6	87	142	2.15	10	<1	0.16			350	1	0.08	6	550	8	<2	2	74	0.14	<10	<10	76	30
627664	136.6	137.6	1.2	1.98	<2	80	<0.5	10	2.23	<0.5	14	68	3110	2.80	10	<1	0.56			520	1	0.05	10	670	2	<2	5	53	0.12	<10	<10	70	34
627774	137.6	140.6	0.4	1.56	4	40	<0.5	<2	1.91	<0.5	8	90	978	2.23	10	<1	0.20	j		370	1	0.07	7	550	<2	<2	3	45	0.07	<10	<10	69	40
627775	140.6	143.6	<0.2	1.29	<2	60	<0.5	<2	1.35	<0.5	7	76	94	2.14	<10	<1	0.15	<10		290	<1	0.08	6	560	8	<2	2	53	0.09	<10	<10	67	34
627665	150.9	153.9	<0.2	1.95	<2	60	<0.5	4	3.17	<0.5	12	64	93	2.49	10	<1	0.37	40	0.90	430	<1	0.09	7	600	6	4	6	73	0.15	<10	<10	74	32
627666	153.9	156.9	<0.2	2.11	<2	70	<0.5	<2	2.40	<0.5	11	90	169	2.50	10	<1	0.40	30	0.86	405	<1	0.10	9	640	4	<2	 6	90		<10	<10	80	36
627667	156.9	159.9	0.4	1.81	<2	90	<0.5	<2	1.82	<0.5	11	93	911	2.59	10	<1	0.35	30	0.85	390	<1	0.14	9	610	ė	6	5		0.18	<10	<10	83	34
627776	159.9	160.9	0.4	1.13	4	30	<0.5	<2	1.47	<0.5	7	50	1033	2.18	<10	<1	0.12			330	1	0.05	10	570	2	<2	3	71	0.20	<10	<10	85	30
627668	160.9	163.9	<0.2	1.96	<2	130	<0.5	2	2.02	<0.5	11	85	347	2.52	10	<1	0.38			385	<1	0.12	4	620	8			43	0.10	<10	<10	71	30
627669	179.0	181.0	<0.2	1.89	<2	70	<0.5	2	1.97	<0.5	10	87	123	2.39	10	<1	0.26		·	375	<1	0.14		630		2	5	129	0.21	<10	<10	84	28
627670	183.0	186.0	0.2	2.49	4	110	0.5	4	2.38	<0.5	11	93	63	2.65	10	<1	0.36			435	1	0.13	10	670	4	2	5	125	0.22	<10	<10	82	28
627671	186.0	189.0	<0.2	1.98	10	90	<0.5	<2	2.08	<0.5	11	79	143	2.55	10		0.29			385	1	0.12	9	640	12	2	5	173	0.24	<10	<10	91	36
527672	189.0	192.0	<0.2	2.00	2	.70	<0.5	<2	2.20	<0.5	11	75	196	2.50	10		0.40	- -		405	1	0.11	10	630	18	4	э 5	120	0.23	<10	<10	87	32
527673	192.0	195.0	<0.2	2.37	12	60	<0.5	<2	2.38	<0.5	12	73	276	2.62	10		0.39			420	<1	0.11	10	620	10			142	0.21	<10	<10	83	34
527674	195.0	198.0	<0.2	1.64	<2	70	<0.5	2	1.62	<0.5	10	90	69	2.47	10		0.32			380	<1	0.12	7	620	6	6	6	78	0.21	<10	<10	88	34
527675	198.0	201.0	0.4	2.29	16	110	<0.5	<2	2.17	<0.5	10	93	1230	2.25	10		0.68	· · · ·		330		0.10	6	580		4	4	51	0.21	<10	<10	84	30
527576	201.0	204.0	0.2	2.55	14	120	<0.5	2	2.57	<0.5	11	89	1007		10		0.77			355		0.09		580	16	2	4	51	0.12	<10	<10	73	28
527677	204.0	207.0	<0.2	2.41	<2	90	<0.5	<2	2.61	<0.5	12	75		2.50	10		0.53			395			8		12	2	4	60	0.12	<10	<10	78	32
527678	207.0	210.0	<0.2	2.07	<2	110	<0.5	<2	1.86	<0.5	10	90	147		10		0.29			355		0.09	8		14	2	6		0.15	<10	<10	77	32
527679	210.0	213.0	<0.2	2.73	<2	100	0.5	2	2.70	<0.5	11	94		2.56	20		0.62			410		0.13		620	<2	4	4		0.24	<10	<10	84	26
527680	213.0	216.0	<0.2	2.45	<2	120	<0.5	<2	2.19	<0.5	10	108	100		10		0.42			355				640	<2	8	6		0.19	<10	<10	85	32
527681	216.0	219.0	<0.2	2.24	<2	150	<0.5	<2	2.01	<0.5	10	86		2.41	10		0.45			375		0.17	5	610	4	8	4		0.22	<10	<10	83	26
27777	224.3	227.3	<0.2	1.66	<2	70	<0.5	<2			9	58		2.17	<10					310		0.14	7	590	6	4	4		0.19	<10	<10	78	30
27682	227.3	230.8	0.2	2.08	<2	90	<0.5	10	1.90	<0.5	11	94	602		10		0.35			375		0.07	8	590	8	4	2		0.14	<10	<10	74	34
27778	230.8	233.8	0.2	1.65	<2	60	<0.5				9	41	700		<10							0.14		630	<2	2	5		0.23	<10	<10	84	28
27683	235.0	238.0	<0.2	2.36	4		<0.5				11	92	116		10		0.34			300		0.07		610	4	<2	2					70	32
27684	248.0	251.0	<0.2	2.50	4					<0.5		70								430		0.14		650	2.	6		180	0.26	<10	<10	93	32
27685	251.0									<0.5		75	31	2.02	10		0.13	(10)	0.79 0.87 :	305				540	2	2			0.09				30
27686	254.0						<0.5					77		2.02			0.14	(10)	J.87	340	2	0.09				<2	3	80	0.11	<10	<10	58	32
27687	257.0					30	<0.5	12	1.87	(0.5		87		2.09		<u><1</u>	0.13	<u><10 (</u>	0.89	335	$\frac{1}{2}$	0.08							0.09				32
	260.0	263.0	(0.2	1.96	(2)		<0.5					76				< <u>1</u>	0.14	<u><10 (</u>	0.80 2	295		0.07				(2			0.10				32
27689	263.0	266.0	(0,2	2.40	6					(0.5				2.08		<1	<u>U.11</u>	<10 (0.84 3	320		0.08			<2	<2			0.10				30
27690	266.0						<0.5					87		2.12		<1	0.13	<10 (0.86 3	325		0.10			2	2			0.10				30
					- 4	001	10.5	14	1.30	.0.5	7	102	214	2.29	10	<1	U.19	<10 (0.66 2	260	<1 1	0.15	7	580	<2	<2	2	66	0.14	<10	<10	75	32

HOLCVS06,XLS

n n pps	SAMPLE	FROM	то	λg	A1	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fø	Ga	Hq	ĸ	La	Mg	Mn	Mo	Na	Ni	Р	Pb	Sb	Sc	Sr	Ti	Tl	U	V	Zn
62789. 289.0 207.0 0.21 1.17 42 1.00 c.5 7 118 42 2.16 10 c.10 0.51 235 c.1 0.12 6 560 2 c.2 11 73 0.13 130 100 72 2 627692 281.0 281.0 0.2 1.47 2 110 c.5 c2 1.13 c0 1.17 c0 13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.10 0.10 0.10 0.10 0.10 0.11 0 0.11 0 0.12 1.7 0.13 0.13 0.10 0.10 0.13 0.10 0.11 0 0.11 0 0.12 0.13 0.10 0.10 0.13 0.10 0.12 1.7 0.10 1.7 0.10 1.7 0.10 1.7 0.10 1.7 0.10 1.7 0.10 1.7 0.10 1.17 0.10 1.17 0.10 1.17 0.10 1.17 0.10		m	2	ppm	*	ppm	ррш	ppm	ppm	%	ppm	рры	ppm	ppm	*	ppm		% .	i	*	ppm		x		рры					i				ppm
62769 288.0 0.0 2 1.47 2 1.13 0.5 7 85 1.64 2.15 10 c1 0.13 6 570 2 2 2 15 0.13 c10 72 2 2 15 0.13 c10 10 6 570 2 c2 2 15 0.13 0.10 6 570 2 c2 2 15 0.13 0.10 16 0.13 0.13 0.10 0.13 0.13 0.13 0.12 c10 0.13 0.13 0.13 0.12 c1 0.11 c5 0.2 c1 0.13 0.13 0.12 c1 0.11 c5 0.13 0.13 0.12 c1 0.13 0.1	627691	269.0	272,0	<0.2	1.17	<2	100	<0.5	<2	0.94	<0.5	7	118	42	2.16	10	<1	0.19	<10	0.51	235	<1	0.12	6		2		1						26
62769.3 211.0 284.0 020.0 1.64 (2 90 (0.5) (2 1.49 (3.5) 7 102 228 2.00 10 (1 0.13 (10 0.02 2.00 1.40 0.10 66 22 627694 280.0 293.0 (0.2 1.46 (2 70 (0.5) (2 1.29 (0.5) 7 112 254 2.15 10 (1 0.15 (10 0.11 7 500 (2 2 60 0.13 (10 10 63 33 33 0.12 (10 10 10 1.61 (10 0.16 (10 0.16 (10 0.11 6 10 1.62 1.62 1.61 1.01 6.6 2.0 1.01 6.6 2.0 1.01 6.6 2.01 1.01 6.6 1.01 6.6 2.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.01 <t< td=""><td>627692</td><td>278.0</td><td>281.0</td><td><0.2</td><td>1.47</td><td>2</td><td>110</td><td><0.5</td><td><2</td><td>1.13</td><td><0.5</td><td>7</td><td>85</td><td>164</td><td>2.15</td><td>10</td><td><1</td><td>0.17</td><td><10</td><td>0.59</td><td>235</td><td><1</td><td>0.10</td><td>6</td><td>570</td><td>2</td><td><2</td><td>2</td><td>115</td><td></td><td></td><td></td><td></td><td>26</td></t<>	627692	278.0	281.0	<0.2	1.47	2	110	<0.5	<2	1.13	<0.5	7	85	164	2.15	10	<1	0.17	<10	0.59	235	<1	0.10	6	570	2	<2	2	115					26
627695 290.0 293.0 (0.2 1.48 (2 70 (0.5 (2 1.12 (0.5 (7) 112 (2.5 (2.5) (2.7) (1.5) (1.7) (2.7)	627693	281.0	284.0	<0.2	1.64	<2	90	<0.5	<2	1.49	<0.5	7	102	228	2.09	10	<1	0.13	<10	0,69	270	<1	0.11	6	510	2	<2	3	131	0.12	<10	<10		28
527696 302.0 305.0 (a) 1.2 (a)	627694	284.0	287.0	<0.2	1.77	<2	90	<0.5	<2	1.99	<0.5	7	101	55	2.04	10	<1	0.15	<10	0.72	280	<1	0.11	7	500	<2	<2	3	133	0.12	<10	<10	63	30
627697 305.0 308.0 (0.2) 1.56 (2.5) (0.5) (2.5) (1.5) <t< td=""><td>627695</td><td>290.0</td><td>293.0</td><td><0.2</td><td>1.48</td><td><2</td><td>70</td><td><0.5</td><td><2</td><td>1.29</td><td><0.5</td><td>7</td><td>112</td><td>254</td><td>2.15</td><td>10</td><td><1</td><td>0.16</td><td><10</td><td>0.65</td><td>270</td><td>1</td><td>0.12</td><td>7</td><td>540</td><td><2</td><td><2</td><td>2</td><td>60</td><td>0.13</td><td><10</td><td><10</td><td>69</td><td>30</td></t<>	627695	290.0	293.0	<0.2	1.48	<2	70	<0.5	<2	1.29	<0.5	7	112	254	2.15	10	<1	0.16	<10	0.65	270	1	0.12	7	540	<2	<2	2	60	0.13	<10	<10	69	30
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	627696	302.0	305.0	<0.2	1.27	<2	60	<0.5	<2	1.19	<0.5	7	94	98	1.94	10	<1	0.16	<10	0.61	260	8	0.12	5	480	2	<2	2	66	0.11	<10	<10	61	30
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	627697	305.0	308.0	<0.2	1.56	<2	50	<0.5	<2	1.50	<0.5	8	123	1918	2.29	10	<1	0.15	<10	0.70	285	141	0.11	7	550	<2	<2	3	62	0.13	<10	<10	66	30
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					1.56	<2	70	<0.5	<2	1.51	<0.5	7	95	276	2.12	10	<1	0.15	<10	0.68	260	6	0.11	6	540	2	<2	3	65	0.13	<10	<10	65	28
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						<2	140	<0.5	<2	1.62	<0.5	8	118	265	2.35	10	<1	0.14	<10	0.74	285	1	0.16	6	550	<2	<2	3	158	0.12	<10	<10	70	30
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					1		90	<0.5	<2		<0.5	8	86	392	2.29	10	<1	0.13	<10	0.71	280	1	0.16	6	570	<2	<2	3	154	0.13	<10	<10	68	30
\$27703 332.0 335.0 (0.2 1.48 (2 110 (0.5 (2 1.52 (0.5 8 102 100 (10 (10 (10 (10 (10)<					i		80		<2	1.38	<0.5	7	106	62	2.24	10	<1	0.15	<10	0.67	265	1	0.11	6	560	<2	<2	3	74	0.13	<10	<10	70	30
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	·					• ··· ···					<0.5	7				10	<1		<10	0.62	235	<1	0.10	6	500	<2	<2	2	68	0.12	<10	<10	66	28
627705 341.0 344.0 (0.2 3.04 (2 80 0.5 6 2.91 (0.5 13 72 276 2.84 20 (1) 0.10 10																			<10				0.10	6		<2	<2	2	82	0.11	<10	<10	61	32
627705 344.0 348.0 (0.2 3.53 (2 100 0.5 (2 3.32 (0.5 12 69 49 3.00 20 (1 0.41 40 1.14 500 1 0.13 13 730 14 2 8 313 0.25 (10) (10) 93 9		· · · · · · · · · · · · · · · · · · ·					<u> </u>		<2								<1		40			<1	0.13	11		<2	8	8	299	0.24	<10	<10	96	32
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					<u> </u>		1		6	;										<u> </u>	i	6				4	8	7	199	0.25	<10	<10	98	32
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	h				<u>+</u> †		t			(13		14	2	8		0.25	<10	<10	102	42
627709 359.0 361.0 0.2 2.13 8 80 (0.5 2 2.04 (0.5 13 73 322 2.77 20 (1 0.33 30 0.98 400 1 0.13 11 680 (2 8 6 134 0.25 (10 94 26 627710 366.0 369.0 (0.2 2.76 2 90 (0.5 2 2.81 (0.5 12 80 156 2.91 20 (1 0.45 30 1.01 420 1 0.14 11 700 (2 4 7 209 0.22 (10 94 26 627710 366.0 369.0 (0.2 2.76 2 90 (0.5 12 80 156 2.91 20 (1 0.45 30 1.01 420 1 0.14 11 700 (2 4 7 209 0.22 (10 10 10.3 10 0.14 0.11 10 0.14 10 11 0.10 12					<u>}</u>																					4	 †	6			<10	<10	94	30
627710 366.0 369.0 <0.2 2.76 2 90 <0.5 2 2.81 <0.5 12 80 156 2.91 20 <1 0.05 12 0.15 11 000 <2 0 0.23 <10 <10 94 26 627710 366.0 369.0 <0.2 2.76 2 90 <0.5 2 2.81 <0.5 12 80 156 2.91 20 <1 0.45 30 1.01 420 1 0.14 11 700 <2 4 7 209 0.22 <10 <10 97 26 627711 369.0 371.0 <0.2 2.56 <2 70 <0.5 4 2.67 <0.5 12 80 2.79 20 <1 0.36 30 1.00 430 <1 0.12 13 710 6 8 7 242 0.22 <10 <10 100 2 2 8 100 9 34 69 1.96 <10 <10															ŕ							8						6	<u>î</u>		·		98	22
627711 369.0 371.0 <0.2 2.56 <2 70 <0.5 4 2.67 <0.5 12 80 2 2.79 20 <1 0.36 30 1.00 430 <1 0.12 13 710 6 8 7 242 0.24 <10 100 28 627711 369.0 371.0 <0.2 2.56 <2 70 <0.5 4 2.67 <0.5 12 80 2 2.79 20 <1 0.36 30 1.00 430 <1 0.12 13 710 6 8 7 242 0.24 <10 <10 20 20 <1 0.36 30 1.00 430 <1 0.12 13 710 6 8 7 242 0.24 <10 100 23 20 11 0.05 8 51 36 1.98 <10 <1 0.12 <10 0.82 310 <1 0.06 8 590 6 2 2 81 0.09 <10 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td>8</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>26</td>																								· · · · · · · · · · · · · · · · · · ·			8	6						26
627779 371.0 374.0 <0.2 1.60 <2 30 <0.5 <2 1.80 <0.5 8 51 36 1.98 <10 <10 10							<u> </u>		2						+							1					4	7						26
627780 374.0 376.7 <0.2 1.51 <2 40 <0.5 <2 2.11 <0.5 9 34 69 1.96 <10 <11 <10 0.10 <12 0.10 0.05 <12 20 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.11 0.10 0.10							· · · ·		4			-14			+													7						28
627712 376.7 378.7 0.6 2.86 <2						• • • •														1							_2	2						
627781 378.7 381.7 (0.2 1.12 (2 80 (0.5 (2 1.27 (0.5 7 42 23 2.06 (10 (1 0.13 (10 0.59 250 (1 0.07 6 580 4 (2 2 94 0.11 (10 (10 72 28 (0.5 (1 0.10 72 28 (0.5 (1 0.10 10)))))))))))))))))))))))))))))))												-2		· · · · · · · · · · · · · · · · · · ·					i				- 1				4	2						
					F				· · · · · · · · · · · · · · · · · · ·			7														(4				+				
												- / 8										1		· · · · · · · · · · · · · · · · · · ·		- 4			<u>+</u>		+			
												13					<u>, 1</u>										5	-4			<10	<10	60	34 30

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APPENDIX B

ANALYTICAL RESULTS

BASMET01.XLS

Sample	FROM	ТО	Cu	Mo	Ag	Pb	Zn
	m	m	ppm	ppm	ppm	ppm	ppm
627525	45.0	48.0	271	<1	<0.2	6	28
627526	48.0	51.0	119	1	<0.2	<2	30
627527	51.0	54.0	73	<1	<0.2	<2	28
627528	54.0	57.0	76	<1	<0.2	2	28
627529	57.0	60.0	51	<1	<0.2	<2	26
627530	83.0	86.0	55	<1	<0.2	<2	30
627531	86.0	89.0	291	1	<0.2	2	30
627532	89.0	92.0	299	1	<0.2	<2	26
627533	92.0	95.0	68	<1	<0.2	<2	26
627534	95.0	98.0	60	<1	<0.2	<2	26
627535	98.0	101.0	63	<1	<0.2	4	22
627536	101.0	104.0	37	<1	<0.2	4	20
627537	109.0	112.0	225	<1	<0.2	<2	28
627538	112.0	115.0	88	<1	<0.2	<2	28
627539	120.0	123.0	50	<1	<0.2	<2	28
627540	123.0	126.0	73	<1	<0.2	2	30
627541	126.0	129.0	170	<1	<0.2	2	26
627542	129.0	132.0	153	<1	<0.2	12	30
627543	132.0	135.0	95	1	<0.2	<2	26
627544	135.0	138.0	233	<1	0.2	4	26
627545	138.0	141.0	229	<1	<0.2	4	34
627546	141.0	145.0	129	<1	<0.2	4	28
627547	145.0	147.0	132	<1	<0.2	4	28
627548	147.0	150.0	116	<1	<0.2	4	32
627549	150.0	153.0	61	<1	<0.2	6	36
627550	153.0	156.0	73	<1	<0.2	6	36
527551	156.0	159.0	85	1	0.2	2	32
527552	159.0	162.0	54	<1	<0.2	8	32
327553	180.0	183.0	38	<1	<0.2	2	26
627554	183.0	186.0	74	<1	<0.2	6	26
527555	186.0	189.0	237	<1	<0.2	6	28
627556	189.0	192.0	266	<1	<0.2	<2	26
527557	192.0	195.0	90	<1	<0.2	<2	32
527558	195.0	198.0	73	<1	<0.2	<2	32
527559	198.0	201.0	228	<1	<0.2	<2	34
627560	201.0	204.0	147	<1	0.2	<2	32
527561	204.0	207.0	63	<1	<0.2	2	34
527562	207.0	210.0	232	<1	0.4	<2	30
527563	210.0	213.0	66	<1	0.2	2	32
27564	213.0	216.0	163	<1	0.2	<2	32
27565	216.0	219.0	27	<1	<0.2	<2	26
27566	219.0	222.0	36	1	<0.2	4	32
27567	222.0	225.0	44	<1	<0.2	<2	42

BASMET02.XLS

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Sample	FROM	TO	Cu	Mo	Ag	Pb	Zn
	m	m	ppm	ppm		ppm	ppm
627501	12.0	15.0	281	<1	<0.2	2	34
627502	15.0	18.0	114	1	<0.2	<2	26
627503	18.0	21.0	1256	1	0.2	<2	26
627504	21.0	24.0	161	<1	<0.2	<2	28
627505	24.0	27.0	526	<1	<0.2	2	34
627506	27.0	30.0	71	<1	<0.2	2	28
627507	30.0	33.0	135	1	<0.2	<2	30
627508	33.0	36.0	79	<1	<0.2	<2	26
627509	36.0	39.0	233	<1	<0.2	<2	30
627510	39.0	42.0	296	<1	<0.2	<2	30
627511	42.0	45.0	55	<1	<0.2	2	24
627512	45.0	48.0	66	<1	<0.2	4	28
627513	48.0	51.0	97	<1	<0.2	<2	30
627514	51.0	54.0	54	<1	<0.2	<2	26
627515	54.0	57.0	127	<1	<0.2	<2	24
627516	57.0	60.0	64	<1	<0.2	4	26
627517	142.0	145.2	656	<1	0.2	8	30
627518	145.2	147.0	264	<1	<0.2	<2	32
627519	147.0	150.0	229	<1	<0.2	2	36
627520	150.0	153.0	69	<1	<0.2	<2	36
627521	153.0	156.0	132	<1	<0.2	4	32
627522	156.0	159.0	472	<1	0.2	<2	28
627523	159.0	162.0	210	<1	< 0.2	2	34
627524	200.0	201.0	141	<1	<0.2	<2	32

Sample	FROM	TO	Cu	Мо	Ag	Pb	Zn
	m	m	ppm	ppm	ppm	ppm	ppm
627714	48.0	51.0	369	1	<0.2	6	34
627715	51.0	54.0	546	1	<0.2	<2	38
627716	54.0	57.0	628	2	<0.2	<2	28
627717	57.0	60.0	457	1	< 0.2	<2	32
627718	60.0	63.0	544	1	< 0.2	<2	30
627719	63.0	66.0	549	<1	<0.2	<2	30
627720	66.0	69.0	384	1	<0.2	<2	32
627721	69.0	72.0	146	<1	<0.2	<2	28
627722	72.0	75.0	84	1	<0.2	<2	26
627568	135.0	138.0	78	<1	0.2	<2	34
627569	140.0	143.0	191	<1	0.2	<2	32
627570	164.0	167.0	188	<1	0.2	2	32
627571	172.5	175.5	169	<1	0.2	2	32
627572	179.0	182.0	96	<1	0.2	2	34
627573	182.0	185.0	174	1	0.2	2	34
627574	185.0	188.0	195	2	0.2	2	32
627575	190.0	193.0	231	<1	0.2	<2	28
627576	193.0	196.0	464	<1	0.2	<2	32
627577	196.0	199.0	107	<1	0.2	<2	26
627578	218.0	221.0	293	<1	0.2	<2	32
627723	221.0	223.0	227	1	<0.2	<2	28
627579	223.0	224.0	218	<1	0.2	2	30
627724	224.0	227.0	213	1	<0.2	4	28
627580	227.0	228.0	286	<1	0.2	6	32
627725	228.0	230.0	142	1	<0.2	<2	30
627590	230.0	231.0	263	<1	0.2	<2	34
627726	231.0	233.0	179	<1	<0.2	<2	26
627727	233.0	235.5	207	1	< 0.2	4	28
627581	235.5	236.5	413	<1	0.2	2	32
627728	236.5	237.5	224	1	<0.2	<2	32
627582	237.5	239.5	204	<1	0.2	<2	34
627729	239.5	242.0	288	1	<0.2	2	30
627584	242.0	245.0	764	<1	0.4	2	28
627585	245.0	248.0	746	9	0.4	2	34
627586	248.0	251.0	355	2	0.2	<2	30
627730	251.0	254.0	102	1	<0.2	<2	22
627587	254.0	257.0	1171	<1	0.6	2	28
627588	257.0	260.0	1239	<1	0.6	2	32
627589	260.0	263.0	538	<1	0.4	<2	30
627731	263.0	266.0	631	18	0.2	<2	30
627732	266.0	269.0	146	1	<0.2	4	34

BASMET3.XLS

BASMET04.XLS

Sample	FROM	TO	Cu	Cu	Mo	Ag	Pb	Zn
	m	m	ppm	%	ppm	ppm	ppm	ppm
627591	39.0	42.0	233		<1	0.2	2	28
627592	42.0	45.0	410		<1	0.4	<2	34
627593	45.0	48.0	519		<1	0.4	<2	30
627594	57.0	60.0	91		<1	0.2	<2	38
627595	60.0	63.0	120		<1	0.4	2	34
627596	63.0	66.0	93		<1	0.2	<2	34
627597	67.0	68.0	68		<1	0.2	2	30
627598	75.0	77.0	107		<1	0.2	<2	46
627599	77.0	79.0	40		<1	0.2	2	40
627600	79.0	82.0	77		<1	0.2	<2	40
627601	99.0	102.0	78		<1	0.2	<2	38
627602	126.5	127.5	65	•	<1	0.2	2	34
627603	155.0	157.0	75		<1	0.2	<2	30
627604	157.0	159.0	283		<1	0.2	2	36
627605	159.2	162.2	528		<1	0.4	<2	30
627606	172.0	175.0	321		<1	0.4	8	34
627607	175.0	178.0	306		1	0.8	6	34
627608	178.0	181.0	407		1	0.4	4	32
627609	181.0	183.0	597		<1	0.4	<2	32
627610	183.0	185.0	518		<1	0.6	6	36
627611	185.0	187.0	465		<1	0.6	2	32
627612	187.0	189.4	3841	0.39	1	1.8	<2	30
627761	189.0	190.0	286		1	< 0.2	<2	24
627613	190.0	193.0	332		<1	0.2	4	24
627762	193.0	196.0	334		<1	<0.2	<2	26
627763	196.0	199.0	300		<1	< 0.2	<2	24
627614	212.0	214.0	325		1	0.4	2	26
627615	268.0	269.0	193		1	0.2	2	22
627616	329.0	332.0	390		1	0.4	<2	30
627617	332.0	335.0	77		1	0.2	<2	24
627619	354.8	355.8	45		1	0.4	2	24
627618	362.3	363.3	375		3	0.4	<2	26
627764	363.3	364.8	66		1	<0.2	<2	28
627620	364.8	365.8	3294	0.33	22	1.8	<2	28
627765	365.8	368.8	131		1	<0.2	<2	34
627766	368.8	371.8	9	·	<1	<0.2	2	30
627767	371.8	374.8	72		<1	<0.2	<2	30
627768	374.8	378.0	122		2	<0.2	<2	34
627621	378.0	380.0	352		7	0.4	4	30
627622	380.0	383.0	159		1	0.2	8	38
627623	383.0	385.0	290		$\frac{1}{1}$	0.4	<2	38
627624	395.0	398.0	235		1	0.4	<2	28

BASMET05.XLS

Sample	FROM	TO	Cu	Мо	Ag	Pb	Zn
	m	m	ppm	ppm	ppm	ppm	ppm
627625	25.0	26.0	93	1	0,2	4	34
627783	40.8	43.8	97	<1	<0.2	6	34
627784	43.8	46.8	79	<1	<0.2	<2	32
627626	46.8	47.2	825	1	0.6	<2	48
627785	47.2	50.2	113	<1	<0.2	<2	38
627786	50.2	53.2	168	<1	<0.2	<2	28
627787	53.2	54.5	97	<1	<0.2	2	32
627627	54.5	56.5	176	1	0.2	<2	26
627628	56.5	59.5	243	1	0.2	4	24
627629	59.5	60.7	81	1	0.2	6	24
627630	61.4	64.8	315	1	0.2	4	32
627631	64.8	67.4	182	<1	<0.2	2	30
627632	67.4	69.4	192	1	0.2	<2	24
627633	72.0	74.0	170	2	0.2	<2	30
627634	79.0	81.0	132	2	<0.2	<2	28
627635	90.0	93.0	144	1	0.2	<2	24
627636	93.0	96.0	363	2	<0.2	<2	24
627637	96.0	98.0	432	1	0.2	2	24
627638	98.5	99.5	10	<1	<0.2	<2	<2
627639	108.0	110.0	137	<1	0.2	<2	30
627640	117.0	120.0	176	1	0.2	2	26
627641	129.8	130.3	203	1	0.4	4	22
627642	142.0	145.0	502	<1	0.4	<2	38
627643	145.0	148.0	85	<1	<0.2	6	40
627788	148.0	151.0	196	<1	<0.2	<2	34
627789	151.0	152.5	91	<1	<0.2	2	30
627644	152.5	154.5	743	6	0.6	<2	36
627790	154.5	157.5	56	1	<0.2	4	30
627791	157.5	160.5	167	3	<0.2	4	30
627645	166.0	169.0	99	<1	<0.2	<2	38
627646	195.0	198.0	118	1	0.4	6	40
627647	198.0	201.0	265	1	<0.2	8	36
627792	201.0	204.0	377	<1	<0.2	4	36
627793	204.0	206.0	122	<1	< 0.2	4	38
627648	206.0	209.0	424	<1	0.2	2	42
627649	209.0	212.0	48	<1	0.2	<2	38
627650	212.0	215.0	60	1	0.2	8	38
627651	220.0	223.0	174	1	0.4	<2	32
627652	253.0	256.0	200	<1	0.4	<2	42
627653	261.5	264.5	90	<1	0.2	4	34
627794	280.5	283.5	150	1	<0.2	<2	28
627795	283.5	285.5	215	<1	<0.2	<2	28
627654	285.5	287.5	1139	1	0.8	<2	26
627655	287.5	289.5	227	<1	0.2	2	26
627656	339.5	342.5	146	1	0.4	<2	30
627657	342.5	345.5	123	1	0.2	<2	30

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BASMET06.XLS

SAMPLE	FROM	то	Cu	Cu	Mo	Àg	Pb	Zn
	m	m	ppm	%	թթա	ppm	ppm	ppm
627658	30.0	33.0	150		1	<0.2	6	56
627659	33.0	36.0	183		< 1	<0.2	8	36
627660	60.0	63.0	235		<1	<0.2	4	36
627661	63.0	66.0	1981		5	1.2	<2	30
627662	66.0	68.0	9262	0.93	1	6.4	· 2	38
627769	68.0	71.0	96		<1	0.2	4	28
627770	71.0	74.0	88		<1	<0.2	2	32
627771	74.0	77.0	79		1	<0.2	4	28
627663	106.0	109.0	109		<1	<0.2	4	42
627772	130.6	133.6	81		<1	<0.2	6	30
627773	133.6	136.6	142		1	<0.2	8	34
627664	136.6	137.6	3110	0.33	1	1.2	2	40
627774	137.6	140.6	978		1	0.4	<2	34
627775	140.6	143.6	94		<1	<0.2	8	32
627665	150.9	153.9	93		<1	<0.2	6	36
627666	153.9	156.9	169		<1	<0.2	4	34
	156.9	159.9	911		<1	0.4	8	30
627667	<u>+</u>				1	0.4	2	30
627776	159.9	160.9	1033 347		<1	<0.2	8	28
627668	160.9	163.9			<1	<0.2	4	28
627669	179.0	181.0	123		1		4	36
627670	183.0	186.0	63			0.2	12	32
627671	186,0	189.0	143		1	<0.2		
627672	189.0	192.0	196		1	<0.2	18	34
627673	192.0	195.0	276		<1	<0.2	10	34
627674	195.0	198.0	69		<1	<0.2	6	30
627675	198.0	201.0	1230		4	0.4	16	28
627676	201.0	204.0	1007		5	0.2	12	32
627677	204.0	207.0	146		<1	<0.2	14	32
627678	207.0	210.0	147		<1	<0.2	<2	26
627679	210.0	213.0	168		1	<0.2	<2	32
627680	213.0	216.0	100		1	<0.2	4	26
627681	216.0	219.0	76		2	<0.2	6	30
627777	224.3	227.3	68		<1	<0.2	8	34
627682	227.3	230.8	602		<1	0.2	<2	28
627778	230.8	233.8	700		99	0.2	4	32
627683	235.0	238.0	116		<1	<0.2	2	32
627684	248.0	251.0	28		<1	<0.2	2	30
627685	251.0	254.0	31		2	<0.2	2	32
627686	254.0	257.0	484		<1	<0.2	4	32
627687	257.0	260.0	78		2	<0.2	<2	32
627688	260.0	263.0	178		2	<0.2	<2	30
627689	263.0	266.0	160		<1	<0.2	2	30
627690	266.0	269.0	214		<1	<0.2	<2	32
627691	269.0	272.0	42		<1	<0.2	2	26
627692	278.0	281.0	164		<1	<0.2	2	26
627693	281.0	284.0	228		<1	<0.2	2	28
627694	284.0	287.0	55		<1	<0.2	<2	30
627695	290.0	293.0	254		1	<0.2	<2	30

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SAMPLE	FROM	TO	Cu	Mo	Àg	Pb	Zn
	m .		ppm	ppm	ppm	ppm	ppm
627696	302.0	305.0	98	8	<0,2	2	30
627697	305.0	308.0	1918	141	<0.2	<2	30
627698	308.0	311.0	276	6	<0.2	2	28
627699	312.3	315.3	265	1	<0.2	<2	30
627700	315.3	318.3	392	1	<0.2	<2	30
627701	326.0	329.0	62	1	<0.2	<2	30
627702	329.0	332.0	374	<1	<0.2	<2	28
627703	332.0	335.0	160	<1	<0.2	<2	32
627704	338.0	341.0	175	۲>	<0.2	<2	32
627705	341.0	344.0	276	6	<0.2	4	32
627706	344.0	348.0	49	1	<0.2	14	42
627707	348.0	356.0	35	<1	<0.2	4	30
627708	356.0	359.0	280	8	<0.2	<2	22
627709	359.0	361.0	322	1	0.2	<2	26
627710	366.0	369.0	156	1	<0.2	<2	26
627711	369.0	371.0	2	<1	<0.2	6	28
627779	371.0	374.0	36	<1	<0.2	6	34
627780	374.0	376.7	69	<1	<0.2	6	32
627712	376.7	378.7	1277	19	0.6	<2	36
627781	378.7	381.7	23	<1	<0.2	4	28
627782	381.7	384.7	22	<1	<0.2	2	34
627713	395.8	397.8	138	11	<0.2	<2	30

BASMET06.XLS

