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GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS

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**REPORT COVERING**

**the**

**1996 DRILLING PROGRAM**

**on the**

**WINDY 1-5 CLAIMS  
CARIBOO MINING DIVISION**

**NTS 93-J-13W**

Lat. 54° 57' N  
Long. 123° 50' W

**by**

**U. Mowat, P.Geo.**

**for**

**Columbia Gold Mines Ltd.**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**December 1996**

**24,751**

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## 1.0 INTRODUCTION

A drilling program was performed on the Windy Property from September 24 to November 1, 1996. The program, which consisted of eight NQ diamond drill holes totaling 545.65 metres, tested four ground magnetic anomalies outlined by previous work done by Placer Dome Inc. Previous exploration located massive sulphides which were extremely magnetic from the magnetite and pyrrhotite content. Soil sampling strongly suggested that the magnetic anomalies were the source of anomalous gold, copper and arsenic in soils.

Core was obtained from four holes and sludges were collected from the remaining four. All core and sludges were analyzed for 30 elements by ICP and for gold by fire assaying techniques.

The core is stored at the campsite on the property (see Figure 3 for location of core storage).

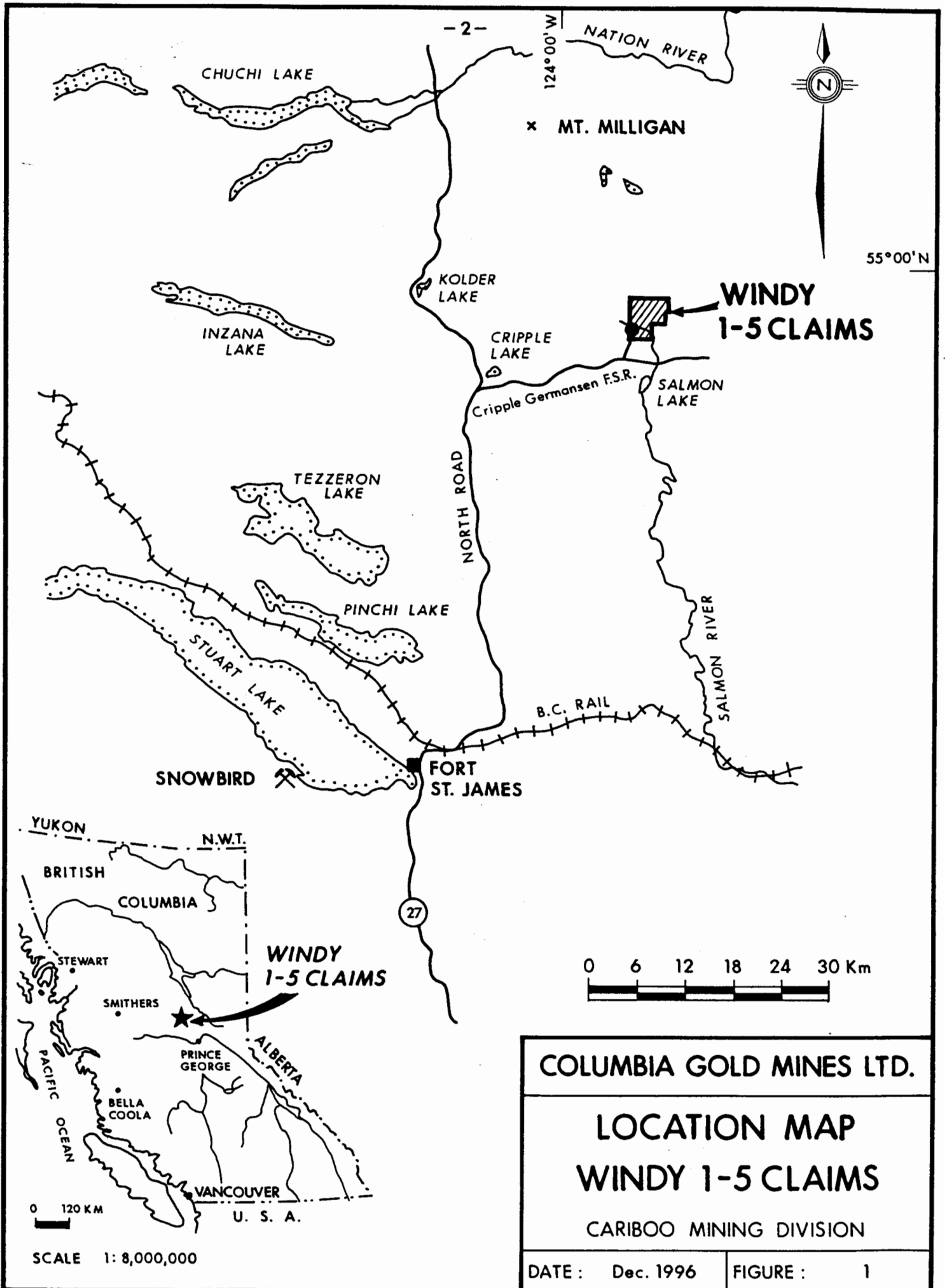
## 2.0 LOCATION AND ACCESS

The Windy Property is located at 65 km NNE of Fort St. James on map sheet 93-J-13W at coordinates 54° 57' N and 123° 50'W. The Mt. Milligan porphyry copper-gold deposit is located 28 km to the northwest. The Windy Property lies within the Cariboo Mining Division.

The property is accessible from Fort St. James via the North Road to 50 km, then by the Germansen-Cripple Forestry Service Road to 21.5 km, and then by the 600 Road for another 4.5 km (see Figure 1 - Location Map).

## 3.0 CLAIM DATA

<u>CLAIM NAME</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Windy 1	20	204938	May 16, 2003
Windy 2	20	204941	June 3, 2003
Windy 3	12	205226	July 9, 2003
Windy 4	9	205227	July 9, 2003
Windy 5	9	205225	July 9, 2003
Windy 10	1	206202	June 25, 1997
Windy 11	1	206203	June 25, 1997
Windy 12	1	206204	June 25, 1997
Windy 13	1	206205	June 25, 1997
Windy 14	1	206206	June 25, 1997
Windy 15	1	206207	June 25, 1997



Windy 16	1	206208	June 25, 1997
Windy 17	1	206245	July 4, 1997
Windy 18	1	206246	July 4, 1997
Windy 19FR	1	206247	July 4, 1997

The Windy Property consists of 80 units. Columbia Gold Mines Ltd. has entered into an option agreement with R. Haslinger and A. Halleran whereby Columbia Gold Mines can earn 100% interest in the Windy Property by making staged payments. A NSR is retained by Haslinger and Halleran.

#### 4.0 HISTORY

The early exploration history of the Salmon Lake region is not known but placer gold was reported to have been discovered on the Salmon River on what would be the southern portion of the Windy Property. Old pits and an old log cabin would give credence to the reported activity.

In 1985, Richard Haslinger located some Au-Pd bearing chalcopyrite showings on the Windy Property. The property was examined by a variety of companies and in October 1985 Brinco conducted a soil sampling program over a small part of the property. Two hundred thirty-six soil samples and 10 rock samples were collected and analyzed for Cu, Pb and Au. Total cost of the program was \$7,911.25.

In August 1986, Placer Dome Inc. optioned the Windy Property and from September 1986 to September 1990 performed the following exploration programs to test the Windy Property for its porphyry copper potential.

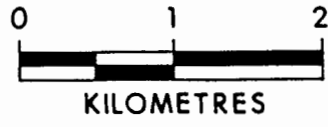
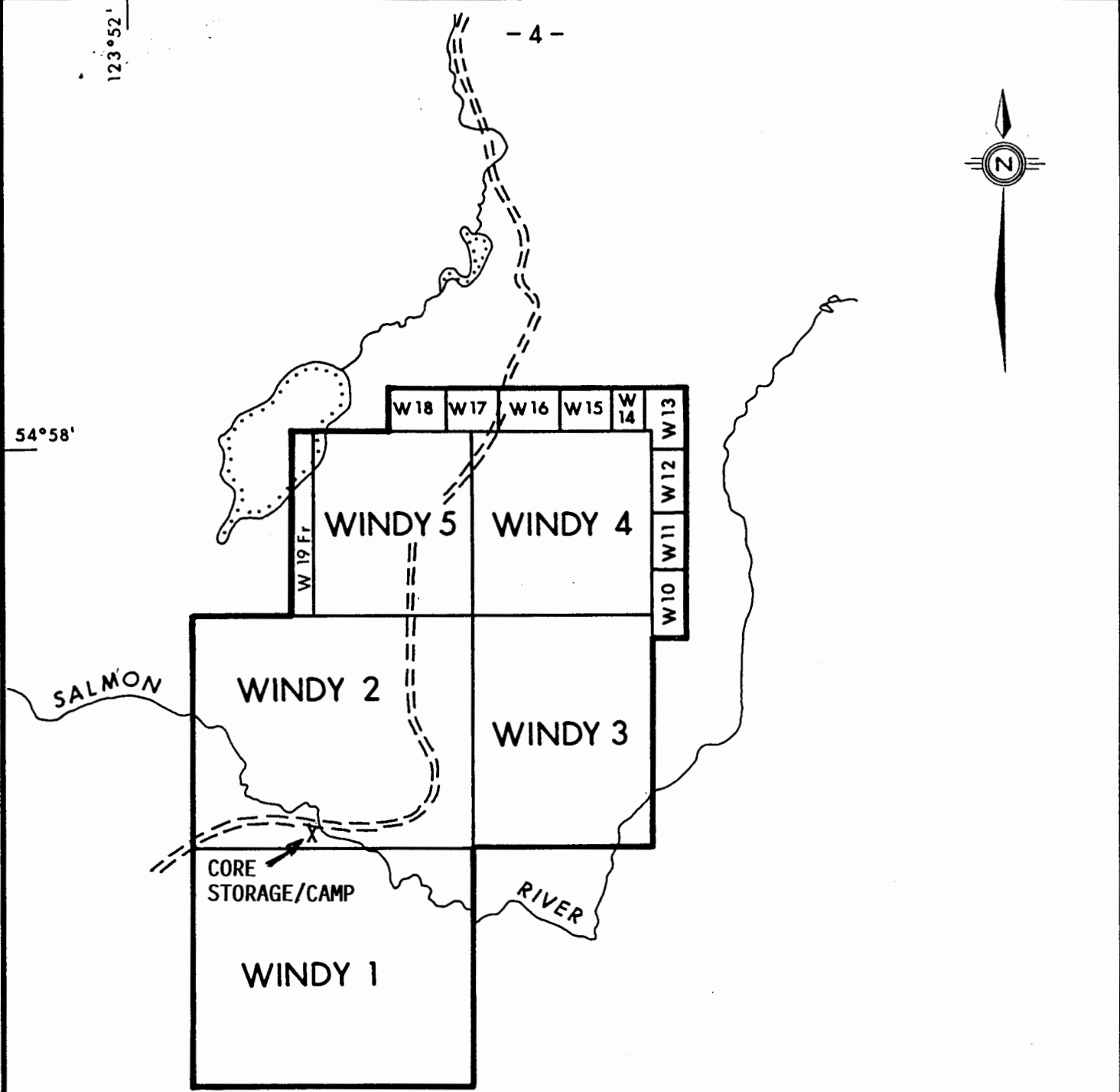
- 1986
  - 21 km of magnetic-VLF EM surveys
  - 560 soils analyzed for Au, Cu, Pb, Zn, Mo, As, and Sb
  - 26 rocks
  - expenditure \$33,840.00
  
- 1987
  - 6.8 km of recce IP
  - 2.5 km of magnetic-VLF EM surveys
  - 5 trenches (426 metres)
  - 63 soils
  - 37 rocks
  - expenditure \$34,883.00
  
- 1988
  - 24.6 km of IP surveys
  - 557 soils analyzed for Au, Cu, Ag, and As
  - 13 rocks
  - expenditure \$72,431.00

123°52'

- 4 -



54°58'



**COLUMBIA GOLD MINES LTD.**

**CLAIM MAP**

**WINDY 1-5 CLAIMS**

CARIBOO MINING DIVISION

DATE : Dec. 1996      FIGURE : 2

- 1989
  - 86.7 km of magnetic-VLF EM surveys
  - 50.5 km of IP surveys
  - 9 NQ diamond drill holes (1,495 metres)
  - 3,533 soils analyzed for Cu, Au, and As
  - 1,336 rocks
  - expenditure \$692,924.52
  
- 1990
  - 1.8 km of magnetic-VLF EM surveys
  - 6 trenches (260 metres)
  - 17 test pits
  - 295 soils
  - 488 rocks
  - 6 NQ diamond drill holes (684 metres)
  - expenditure \$156,406.00

During late 1990 massive sulphide boulders were discovered by Placer Dome Inc. Selected samples of the massive sulphides returned values as high as 32.15 g/t Au, 35.3 g/t Ag, and 1.8% Cu. The main discovery area was 25 metres wide and 55 metres long. Massive sulphide boulders were discovered as far away as 900 metres to the north of the main discovery area.

- 1991
  - 24 percussion drill holes performed by Big Bar Gold Corporation who was earning an interest in the Windy Property from Placer Dome Inc.

The total expenditures for the past exploration programs is in excess of \$998,395.

In August 1995 Columbia Gold Mines Ltd. optioned the Windy Property from Haslinger and Halleran.

## 5.0 REGIONAL GEOLOGY

The Windy Property is located within the Quesnel Trough which is underlain by Upper Triassic and/or Lower Jurassic Takla Group andesitic and basaltic flows, tuffs and breccias. The Takla Group has been intruded by comagmatic frequently zoned alkaline plutons ranging from diorite, syenogabbro to syenite.

To the east of the Windy Property lies the Wolverine Complex which is composed of granitoid gneiss, micaceous garnetiferous chloritic schists, pegmatite and small bodies of granodiorite. Minor feldspathized quartzites are also present. The Wolverine Complex is cut by Paleocene? to Miocene rhyolites and dacites which form dykes. The Wolverine Complex is believed to be metamorphosed and granitized Lower Cambrian and/or Later Cariboo Group. The metamorphism and granitization is possibly as late as Mesozoic age.



## 6.0 PROPERTY GEOLOGY

The Windy Property is underlain by a dioritic stock which has intruded Takla Group augite porphyry andesitic flows and pyroclastics. The extensive overburden on the property precludes any detailed analyses of the geology of the property. Most lithologic knowledge comes from a few trenches, test pits and drill core.

Previous work by Placer Dome Inc. describes the rock types as follows:

1. **Andesitic Flows and Pyroclastics:** medium to dark green to greyish-green, fine to medium grained with the andesitic flows being porphyritic. Hornblende phenocrysts are commonly sheared and foliated. The alteration is predominantly chloritic with epidote being common. Individual rock types identified within this group include hornblende porphyritic flows, agglomerates, crystal tuffs and ash tuffs.
2. **Dioritic Intrusions:** light grey to greyish-green, fine to coarse grained, occasionally porphyritic with hornblende (up to 6 mm) and/or plagioclase (up to 3 mm). Textural and compositional variations are gradational. Alteration is primarily propylitic with pervasive and/or vein controlled chlorite, epidote  $\pm$  sericite  $\pm$  silica  $\pm$  hematite. The diorite hosts broad zones of pyrite (1 to 3% but occasionally up to 10%) and occasional chalcopyrite blebs within quartz-carbonate veins. Local intense shear zones contain increased quartz veining and sulphides. Three distinct phases have been mapped including porphyritic diorite, coarse grained diorite and fine to medium grained diorite.
3. **Granodiorite / Quartz Monzonite Dykes:** light grey, fine to medium grained, massive and equigranular. The dykes range from 1 to 2 metres in width and are composed of 40 to 50% subhedral plagioclase, 30 to 40% anhedral K-feldspar, 15 to 20% quartz grains, 10% biotite and chlorite. The dykes are relatively unaltered and contain 1 to 2% disseminated pyrite.

In addition to the above described lithologies, the 1996 drilling encountered very fine grained to aphanitic dykes of andesitic to basaltic nature.

An examination of the matrix of the massive sulphide boulders showed that it contains a considerable amount of biotite as a felted mass. The presence of the biotite, the extremely coarse grained euhedral pyrite cubes (3 cm) plus the remobilized appearance of some of the massive sulphide bands strongly suggests that the host rock, which is now a hornfels, may have been argillaceous in nature. Similar biotite-rich fragments were noted in drill hole 96-8 which suggests that the massive sulphide is either a contact feature or it is within another lithological unit, not yet seen in outcrop. The massive sulphide area is believed to be a hornfelsed argillite located at the contact or as a roof pendant within the diorite stock.

All rock types have been weakly to extensively altered by propylitic alteration which consists of chlorite ± epidote with lesser amounts of carbonate, hematite, quartz and sericite. The dominant alteration is pervasive with lesser amounts being fracture controlled.

The predominant attitude for shearing noted by the Placer Dome work is 060 to 075 degrees. The intense foliation and schistosity of the diorites encountered in the 1996 drilling testify to intense structural activity.

## **7.0 MINERALIZATION**

Mineralization in the diorites on the Windy Property consists of pyrite and chalcopyrite. Pyrite is the dominant sulphide and as noted in the 1996 drill core it is generally disseminated as euhedral grains and rarely on fractures. Occasionally it occurs as massive 2 cm clots within carbonate veins. Chalcopyrite is minor, usually disseminated or occasionally within carbonate-quartz veinlets.

Mineralization in the massive sulphide area consists of chalcopyrite, pyrrhotite, arsenopyrite, pyrite and sphalerite. The pyrrhotite is generally massive and the other sulphides are coarse grained with pyrite cubes reaching 3 cm.

## **8.0 DRILL PROGRAM**

The drilling program consisted of 8 NQ diamond drill holes totaling 545.65 metres. Core recovery was poor with only 4 holes recovering any core. The other holes encountered drilling conditions which did not enable any core recovery. Sludge samples were collected from these holes at semi-regular intervals of 3.05 to 6.1 metres. Both core samples and sludge samples were analyzed for 30 elements by ICP and for gold by fire assay techniques.

The purpose of the 1996 drill program was to test 4 ground magnetic anomalies which had been outlined by the previous Placer Dome work. The magnetic anomalies were considered to be of significance since the majority of the massive sulphide boulders uncovered by Placer Dome were highly magnetic. In addition, the soil geochemistry also completed earlier by Placer Dome proved to be largely glacially transported with the plumes pointing to the ground magnetic anomalies as being the source.

The following section summarizes the relevant drill hole data of the eight 1996 drill holes.

### 8.1 DDH 96-1

Coord: 11800N / 90+20E  
Azimuth: 090°  
Dip: -45°  
Depth: 76.86 metres

Purpose: To test a ground magnetic anomaly of 100 nT which has a soil geochemical plume of As and Au (465 ppb).

Results: The hole encountered foliated fine grained diorite which was generally non-magnetic at the top of the hole. The diorite was weakly altered by chlorite, epidote and carbonate. Sulphides consist of up to 5% euhedral pyrite with minor clots and disseminations of chalcopyrite. At 55.21 metres the diorite graded between mylonite and intensely sheared diorite, the shearing being so intense that it appears like bedding.

The diorite is anomalous in Au (max. value 0.26 g/T), anomalous in As (243 ppm) and anomalous in Cu (max. value 4393 ppm).

There is no explanation for the magnetic anomaly, the low As geochem plume or the lack of Cu in the geochem plume.

### 8.2 DDH 96-2

Coord: 12200N / 89+60E  
Azimuth: 090°  
Dip: -45°  
Depth: 89.67 metres

Purpose: To test a ground magnetic anomaly of 80 to 100 nT with a strong As and Au (440 ppb) soil geochem plume.

Results: The hole encountered augite porphyry volcanics with red hematite on fractures which was only weakly magnetic. Sulphides consist of pyrite and pyrrhotite. At 71.37 metres a moderately magnetic diorite was encountered.

There are no gold values in the volcanics but the diorite is weakly anomalous. The entire hole is anomalous in As (294 ppm) and weakly anomalous in Cu (294 ppm).

### 8.3 DDH 96-3

Coord: 11000N / 89+20E  
Azimuth: 090°  
Dip: -45°  
Depth: 27.45 metres

Purpose: To test a ground magnetic anomaly of 60 to 80 nT and a very strong Au (1420ppb) in soil plume. It is believed that this hole is in extremely decomposed bedrock quite possibly a major fault zone. The hole was abandoned and no core was recovered.

#### 8.4 DDH 96-3A

Coord: 11000N / 89+20E  
Azimuth:  
Dip: -90°  
Depth: 33.55 metres

Purpose: Drilled on the same set up as 96-3.

Results: No core was recovered from this hole. It is believed that this hole is in very decomposed bedrock quite possibly a fault zone. Examination of sludge samples showed schistose chips and angular, fresh, euhedral pyrite. Cobbles collected at the top of the hole while running casing are extremely altered, only weakly magnetic augite porphyry.

The cobbles and the sludge samples do not explain the ground magnetic anomaly nor the high gold in the soils.

#### 8.5 DDH 96-4

Coord: 11200N / 88+62E  
Azimuth: 090°  
Dip: -45°  
Depth: 39.65 metres

Purpose: To test a ground magnetic anomaly of 60 to 100 nT with a strong Au (1675 ppb) in soil plume.

Results: The hole encountered similar conditions as drill holes 3 and 3A. Core was not recovered but sludge samples were collected. The sludge chips indicate that the bedrock is schist and augite porphyry. The sludges are moderately magnetic. No metal values of any significance were encountered in this hole.

## 8.6 DDH 96-5

Coord: 10000N / 91+20E  
Azimuth: 090°  
Dip: -45°  
Depth: 88.45 metres

Purpose: To test a ground magnetic anomaly of 60 to 100 nT with a weak As-Au soil geochem plume.

Results: The hole encountered very decomposed bedrock therefore no core was recovered. Sludge samples are composed of weakly to strongly magnetic black hornfels? with a trace of oxidized pyrite, malachite and arsenopyrite. No significant arsenic or gold values were obtained from the sludge samples.

## 8.7 DDH 96-6

Coord: 10170N / 88+00E  
Azimuth: 360°  
Dip: -45°  
Depth: 30.5 metres

Purpose: To test beneath gold-bearing massive sulphide in a biotite hornfels exposed in trench 90-5.

Results: The hole reached 30.5 metres and was abandoned due to severe caving. No significant values were encountered in the sludge samples.

## 8.8 DDH 96-7

Coord: 10400N / 86+60E  
Azimuth: 360°  
Dip: -45°  
Depth: 61.92 metres

Purpose: To test a gold-bearing massive sulphide in a biotite hornfels exposed in trench 90-5.

Results: The hole encountered diorite with minor silicified zones and mylonite. Sulphides are dominantly disseminated pyrite with a trace of chalcopyrite and molybdenite. The hole is weakly anomalous in gold and copper. No massive sulphide was encountered except for a 15 cm band of semi-massive pyrite. It is

believed that the massive sulphide in the trench is a roof pendant or possibly a fault emplaced wedge on top of the diorite.

## 8.9 DDH 96-8

Coord: 10400N / 86+60E

Azimuth: 090°

Dip: -45°

Depth: 97.6 metres

Purpose: To test a ground magnetic anomaly with Au-As soil geochem plumes.

Results: The hole encountered diorite with anomalous copper and arsenic values. The only gold value of some significance was 1.53 metres of 0.33 g/t Au. The hole encountered fragments of biotite hornfels which forms the matrix of the massive sulphides.

## 9.0 CONCLUSIONS

The 1996 drilling program conducted by Columbia Gold Mines did not intersect massive sulphide mineralization. Further, the 1996 drilling also did not explain the source of the magnetic anomalies. Drill core and sludge samples were distinctly non-magnetic. The following explanations for lack of mineralization in the drill holes are:

1. The magnetic anomalies are caused by magnetic boulders in the overburden, or;
2. The magnetic lithology and/or massive sulphide horizon is sub-parallel to the angle of the diamond drill holes. This may be the case as the fracture patterns in several of the holes where core was available are parallel to the core axis.

## 10.0 RECOMMENDATIONS

If the magnetic anomalies are induced by magnetic boulders in the overburden, some experimentation with a Beep Mat is suggested especially in the areas where there is good soil geochemical plumes originating from the magnetic areas outlined by the previous exploration.

Several of the magnetic anomalies, particularly in the area of the massive sulphide occurrences, should be tested by drilling. In addition, several gold soil geochemical plumes, particularly down ice from the presently outlined plumes, should be re-sampled for both fine and coarse gold. The work by Placer Dome has indicated that much of the

gold in soil is coarse in nature. Gold panned by R. Haslinger has yielded up to 200 flakes from one sample.

A recommended program should also indicate 20 kilometres of IP chargeability geophysical surveys with a contingent 1,000 metres of diamond drilling for an anticipated cost of \$220,000.

Respectfully Submitted,

*Ursula G. Mowat*  
Ursula G. Mowat, P. Geo



## 11.0 REFERENCES

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## 12.0 STATEMENT OF EXPENDITURES

### 1. ANALYSES

53 sample prep @ \$4.25 / sample .....	\$225.25
53 assays for Au @ \$6.97 / sample .....	\$369.41
53 ICP for 31 elements @ \$6.00 / sample .....	\$318.00
GST @ 7% .....	\$63.89

TOTAL ..... \$976.55

### 2. DRILLING

1650' @ \$18.70 / foot.....	\$30,855.00
170' @ \$20.00 / foot.....	\$3,400.00
90' @ \$21.60 / foot.....	\$1,944.00
405.5 man/machine hours @ \$34.00 / hour.....	\$13,787.00
Cat - 73.5 hours @ \$90.00 / hour .....	\$6,615.00
Materials .....	\$6,497.25
GST @ 7% .....	\$4,285.98

TOTAL ..... \$67,384.23

### 3. CAMP RENTAL

191 man days @ \$30.00 / man day .....	\$5,730.00
Generator - 37 days @ \$30.00 / day.....	\$1,110.00
GST @ 7% .....	\$478.00

TOTAL ..... \$7,318.88

### 4. WAGES

1 man for 39 days @ \$240.00 / day .....	\$9,360.00
1 man for 6 days @ \$210.00 / day .....	\$1,260.00
1 man for 24 days @ \$156.00 / day .....	\$3,744.00
1 man for 27 days @ \$156.00 / day .....	\$4,212.00
1 man for 6 days @ \$210.00 / day .....	\$1,260.00
1 man for 12 days @ \$210.00 / day .....	\$2,100.00
1 man for 39 days @ \$400.00 / day .....	\$15,600.00
20% on wages.....	\$4,417.20

TOTAL ..... \$26,453.20

5. FREIGHT

3 hours @ \$45.00 / hour ..... \$135.00  
21 hours @ \$65.00 / hour ..... \$1,365.00  
4 hours @ \$55.00 / hour ..... \$220.00  
GST @ 7% ..... \$120.40

TOTAL ..... \$1,840.40

212 miles @ \$3.19 / mile ..... \$676.28  
4.5 hours @ \$65.00 / hour ..... \$292.50  
GST @ 7% ..... \$67.82

TOTAL ..... \$1,036.60

6. HELICOPTER

6.2 hours @ \$850.00 / hour ..... \$5,270.00  
837 litres @ \$0.65 / litre ..... \$544.06  
GST @ 7% ..... \$406.98

TOTAL ..... \$6,221.04

7. GROCERIES ..... \$3,667.35

8. TRUCK RENTAL

one 4x4 for 37 days @ \$75.00 / day ..... \$2,775.00  
one 4x4 for 10 days @ \$75.00 / day ..... \$750.00  
GST @ 7% ..... \$246.75

TOTAL ..... \$3,771.75

9. FUEL ..... \$169.72

10. EQUIPMENT STORAGE ..... \$300.00

11. REPORT WRITING, DRAFTING, ETC. .... \$5,661.30

**TOTAL EXPLORATION EXPENDITURES ..... \$124,841.64**

**ADDITIONAL EXPENDITURES\***

1.	3 days of cutting examination @ \$400.00 / day.....	\$1,200.00
2.	Diesel, propane, gas.....	\$2,205.93
3.	Meals .....	\$527.98
4.	Accommodation	
	2 rooms @ \$54.05 / room .....	\$108.10
	2 rooms @ \$59.80 / room .....	\$119.60
	1 room @ \$50.60 .....	\$50.60

**TOTAL EXPENDITURES.....\$4,212.21**

**\* These expenditures were incurred from September 23,1996 to November 1, 1996 and were not previously declared.**

### 13.0 STATEMENT OF QUALIFICATIONS

1. I am a graduate of the University of British Columbia having graduated in 1969 with a Bachelor of Science in Geology.
2. I have practiced by profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.
3. I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I hold an indirect interest in the Windy Property.

Ursula G. Mowat, P. Geo  
Ursula G. Mowat



Dated this 17th day of December, 1996, at Vancouver, BC.

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-1 Sheet No. 1  
 Section \_\_\_\_\_  
 Date Begun OCT 10/96  
 Date Finished OCT 11/96  
 Date Logged OCT 11/96

Lat. 11800 N  
 Dep. 90 + 20 E  
 Bearing 090° / -45°  
 Elev. Collar \_\_\_\_\_

Total Depth 76.9 m  
 Logged By UGM  
 Claim WINDY 2  
 Core Size NQ

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
0	9.15		CASING							
9.15	18.15		DIORITE?, med. grey, f.g. intensely sericitized & weakly foliated by green chlorite & minor black magnetite streaks; foliation 30° & 40° to CA; magnetism sporadic ranging from non to moderate; very broken with bands of gouge; 5% diss'd pyr frequently as cubedral xls & tr. cpy; white carb. vnlt at 20° & 40° to CA	65401	9.15	15.25	6.1	396	.04	83
				65402	15.25	18.15	2.9	459	.05	82
			- 16.17 1 cm wide massive pyr vnlt at 30° to CA							
18.15	21.2		SHEAR ZONE, med. greenish grey clay with 3% pyr diss'd throughout; sporadically magnetic; upper contact 70° to CA; lower contact 90°? to CA	65403	18.15	21.2	3.05	357	.06	67

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-1 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
21.2	35.08		DIORITE, as 9.15-18.15 but slightly more chloritic; very broken; minor incipient epi near top; weakly foliated at 30° x 65° to CA; fine black foliation dominantly biotite with minor magnetite; dominantly non-magnetic; rare white carb. vnlit x sucrosic gtz vnlit at 45° x 70° to CA	65404	21.2	24.2	3.0	313	.03	83
				65405	24.2	27.3	3.1	928	.08	63
				65406	27.3	30.35	3.05	719	.07	61
				65407	30.35	33.4	3.05	732	.09	13
				65408	33.4	35.08	1.68	1723	.18	1
			- 31.92 light grey 6 cm sil'd zone (chert?) at 70° to CA with 5% diss'd pyr							
			- 33.09 1.5 cm gtz vnlit at 70° to CA with 1cm clots of cpy							
35.08	54.6		DIORITE, med grey, f.g. strongly sericitized; very broken; similar to 9.15-18.15 but foliation weak to non-existent at 60° to CA; more bleached in appearance x less chloritic, fairly magnetic, 0.5-1% diss'd pyr (frequently xlline) x cpy; red hematite	65409	35.08	38.13	3.05	751	.07	86
				65410	38.13	41.18	3.05	2063	.14	76
				65411	41.18	44.23	3.05	1017	.04	74
				65412	44.23	47.28	3.05	4393	.26	1
				65413	47.28	50.33	3.05	2254	.12	106
				65414	50.33	53.38	3.05	1025	.05	112
				65415	53.38	54.6	1.22	651	.03	67

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-1

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 96-1 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
30.08	54.6		stain on fract's; minor white carb (cont'd) vn'ts occ. vuggy with carb xls							
			- 39.09 10 cm sil'd zone with 3% diss'd pyr + tr. cpy at 30° to CA							
			- 39.65 pyr content 5%							
			- 44.23 to 54.6 0.5-1% cpy; dominant sulphide							
54.6	55.21		SHEAR ZONE, grey clay with some small rock frags; upper contact unknown; lower contact 30° to CA	65416	54.6	55.21	0.61	479	.02	72
55.21	59.48		DIORITE?, pale greenish grey, very sheared 9.15-18.15; shearing so intense fracturing looks like bedding (30 to 40° to CA); mod. magnetic; foliated by white hairline carb vn'ts parallel to pseudo bedding; 5% diss'd pyr	65417	55.21	58.26	3.05	643	.04	78
				65418	58.26	59.48	1.22	1231	.09	44

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-1 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
59.48	65.27		SCHIST, chloritic same as 55.21-59.48; med. grey green, platy with numerous hairline carb vnits. tr-1% diss'd pyr. pseudo bedding (foliation) at 40-50° to CA	65419	59.48	62.53	3.05	316	.03	141
				65420	62.53	65.27	2.74	260	.04	178
65.27	70.3		SCHIST, as above but platy fracturing gone; weak foliation at 30-40° to CA; incipient epi; tr diss'd pyr - 67.1 to 67.71 gouge zone; upper contact 45° to CA, lower contact 25° to CA	65421	65.27	68.32	3.05	527	.06	160
				65422	68.32	70.3	1.98	338	.05	184
70.3	70.91		MONZONITE?, sil'd intrusive? pale grey with outlines of mafic chloritized minerals t/or 5% magnetite; 1% vfg pyr diss'd throughout; pervasively sil'd; upper contact 50° to CA; lower contact 40° to CA	65423	70.3	70.91	0.61	627	.07	111



# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE No. 96-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-1 Sheet No. 5 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
70.91	73.2		MYLONITE, dark black grey, slightly foliated at 65° to CA with white hairline carb vnlts; same as 65.27-70.3 ??; red hematite stain on fract. weakly magnetic; incipient epi; 1% vfg diss'd pyr; tr cpy; grades into strongly foliated at 35° to CA epidotized mylonite; hairline carb vnlts with incipient epi parallel to foliation; carb vnlts occ. Yuggy with carb xls	65424	70.91	73.2	2.29	172	.01	243
73.2	76.86		MYLONITE, dark greenish black, foliated at 55-60° to CA; black colouration occ. from magnetite (sporadically weakly magnetic) but mostly from biotite; thin white carb laminations, also white carb +/- gtz vnlts as at 73.81; tr diss'd pyr often as euhedral xls; occ coarse clot of cpy in carb vnlts as at 73.81; tr. red hematite on fract. near top.	65425	73.2	76.25	3.05	326	.05	173
				65426	76.25	76.86	0.61	139	.01	261

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 1  
 Section \_\_\_\_\_  
 Date Begun OCT 11/96  
 Date Finished OCT 13/96  
 Date Logged OCT 13-16/96

Lat. 12200N  
 Dep. 89+60E  
 Bearing 090°/-45°  
 Elev. Collar \_\_\_\_\_

Total Depth 89.67 m  
 Logged By UGM  
 Claim WINDY 2  
 Core Size NG

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
0	9.15		CASING							
9.15	14.34		AUGITE PORPHYRY, dark greenish black aug. phenos 1/2 - 1 cm in pale green grey matrix; aug becomes increasingly sericitized towards 14.34; matrix with incipient epi cut by red hem +/- mag +/- white carb vnlt's at 15-30° to CA (av. 20°); red hem on fract's; tr pyr until 14.34 then tr po; sulphides diss'd & sub to euhedral; po conc'd in alt'd aug. pheno cores; only weakly magnetic, moderately broken	65427	9.15	12.2	3.05	114	.01	175
				65428	12.2	14.34	2.14	120	.01	187
14.34	17.39		DYKE, pale grey matrix with 2 mm laths of white sericitized sub to euhedral feld xls; vfg black phenos of biot? aug?; tr pyr & po diss'd throughout; po conc'd near or in black phenos; weakly magnetic, red hem on fract's; white carb vnlt's at 16.45 at 30° to CA; predominant fract's 0° to CA; upper contact 80° to CA; lower	65429	14.34	17.39	3.05	273	.01	68

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
14.34	17.39		contact 55°? to CA - 15.25 2.5 cm clot of epi with po							
	(cont'd)									
17.39	20.74		AUGITE PORPHYRY, dark green black aug. phenos (av 1/2 cm) in light greenish grey matrix; as 9.15-14.34 but finer grained phenos; very broken; predominant fract 70° to CA; 1% diss'd po + lesser pyr; po conc'd in mafic phenos + occ. as massive po veinlets as at 19.03 at 20° to CA; pyr sub to euhedral + dominantly in matrix; minor white erratic carb +/- mag +/- hem patches; red hem on fract; upper contact weakly bleached; lower contact gradational to below	65430	17.39	20.74	3.35	141	.01	187
20.74	25.93		SHEAR ZONE, dark to med. grey aphanitic generally with rare patch showing aug. porphyry text; upper contact 40° to CA; lower contact foliated at 40° to CA; gougey but not very broken; white carb	65431	20.74	23.79	3.05	69	.01	215
				65432	23.79	25.93	2.14	105	.01	232

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
20.74	25.93		patches & broken carb. vnlt's as frags throughout; 1% diss'd euhedral pyr; tr po & cpy; generally non-magnetic; minor red hem on fract's; incipient epi patches - 24.25 1 cm cpy bleb in white carb vnlt at 50° to CA							
25.93	31.42		AUGITE PORPHYRY, as 9.15-14.34 but with pronounced perv. epi in matrix and carb vnlt's; 28.06 minor white carb vnlt's at 80° to CA & white carb frags in gougey zone; 28.37 white carb frags with black chlorite in gouge zone; section broken with red hem on fract's; 1% pyr & po; pyr diss'd in matrix; po conc'd in aug. phenos & occ as fract fillings; generally non-magnetic; patches of weak magnetism asso'd with po	65433	25.93	28.98	3.05	128	.01	188
				65434	28.98	31.42	2.44	130	.01	195
			- 26.84 12.5 cm zone, black aphanitic mod. magnetic as 20.74-25.92							

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
31.42	33.86		SHEAR ZONE - med. grey, bleached-looking generally aphanitic with occ. black stretched aug pheno visible. foliation 35° to CA; numerous white carb +/- gtz vnlts with black chl. clots at 35° + 15° to CA occ. broken + irreg from shearing; upper contact 80°? to CA; lower contact 45° to CA - 32.94 1.5 cm clot of pyr in carb-gtz vnit	65435	31.42	33.86	2.44	61	.01	234
33.86	40.26		AUGITE PORPHYRY - as 9.15-14.34, c.g. but with irreg patches of yellow green epidotized carb; virtually no carb vnlts; red hem on fract; generally non-magnetic; 1% diss'd pyr + po; pyr sub to euhedral; very broken; predominant fracturing 50° to CA - 39.65 10 cm black aphanitic (mylonite?) magnetite zone with c.g. pyr up to 4 mm; 5% diss'd pyr; white	65436	33.86	40.26	6.4	264	.01	155

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 5 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
33.86	40.26		hairline carb vnlt							
	(cont'd)		- 39.65 1 cm wide massive pyr vnlt at 0° to CA with minor epi + carb + a 1 cm clot of cpy							
40.26	41.18		SHEAR ZONE - med grey, generally aphanitic with some aug phenos still visible; cut by irreg white carb vnlt + black weakly magnetic mylonite with 10% euhedral diss'd pyr; general sulphide content tr - 1%; both contacts gradational but probably 70° to CA; non-magnetic	65437	40.26	41.18	0.92	62	.01	294
41.18	59.78		AUGITE PORPHYRY - dark greenish black 1/2 - 1 cm aug + biot? (hexagonal shape) phenos in light grey green matrix; matrix slightly epidotized; red hem on fract; minor white carb vnlt at 30° to CA; 0.5-1% diss'd pyr + po; pyr sub to euhedral; generally non-magnetic	65438	41.18	44.23	3.05	71	.01	139
				65439	44.23	47.28	3.05	60	.01	160
				65440	47.28	50.33	3.05	158	.01	132
				65441	50.33	53.38	3.05	267	.01	186
				65442	53.38	56.73	3.35	311	.02	204
				65443	56.73	59.78	3.05	233	.02	139

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 6 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
4.18	59.78		-44.53 shear zone blackish matrix with irreg epidotized patches & white carb frags; slightly magnetic							
			(cont'd)							
			-46.97 to 47.28 slightly bx'd aug Tl with 10% pyr, tr po; epidote patches							
			-46.77 to 50.94 pyr dominantly fract-controlled & occ. replacing aug phenos							
			-50.02 to 50.63 f.g. aug Tl; aug phenos 4 mm av							
			-53.38 fracture zone with massive pyr							
			-54.9 minor gouge							
			-45.14 to 54.9 matrix pale greenish grey; chloritized; no epi							
			-54.9 to 59.78 matrix weakly epidotized & also frags (up to 2cm) & as irreg patches of epi/carb							
			-57.95 to 58.26 f.g. aug Tl dyke? as at 50.02 to 50.63, lower contact gougey at 30° to CA							

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 7 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	Au	As
FROM	TO							ppm	g/t	ppm
41.18	59.78		-58.26 to 59.78 5% pyr as pheno replacement & dominantly in fract's							
(cont'd)										
59.78	66.19		SHEAR ZONE - pale greenish grey, aphanitic with occ. band of black aphanitic & patches with visible aug phenos, highly sericitic; very weak chl, slightly magnetic; upper contact 50° to CA; lower contact 55° to CA. shearing at 70° to CA; minor white carb vnlts generally irreg & patchy occ. gouge zones at 70° to CA; broken; 3% diss'd pyr occ euhedral	65444	59.78	62.83	3.05	191	.02	130
				65445	62.83	66.19	3.36	160	.01	84
66.19	68.93		AUGITE PORPHYRY BRECCIA, generally greenish grey frags of varying size in reddish black hem-mag groundmass; occ blackish green aug pheno still visible; more solid aug T cut by red-black hem-mag lined fract's & vnlts; more solid pieces have	65446	66.19	68.93	2.74	71	.01	257



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-2 Sheet No. 8 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
66.19	68.93		distinct blackish green aug/biot pheno outlines + pale yellow green carb-epi replaced feld; cut by irreg white carb vning generally at 35° to CA; 1% pyr dominantly diss'd but occ. on hairline fract							
			-65.88 5 cm red carb vnit							
68.93	71.37		SHEARED MONZONITE? pale grey; upper contact 45° to CA; lower contact 45°? + gradational; slight foliation at 50° to CA; red hem on fract; 1% diss'd pyr; minor white carb vnths at 55° to CA; weak to mod. magnetism	65447	68.93	71.37	2.44	260	.06	74
71.37	89.67		DIORITE? 55% mafics replaced by mag <sup>±</sup> /chl, 45% feld replaced by sericite-epi (pale yellow green); 10% mag; occ epi-rich carb vnit or patch; weak carb vning predominantly at 40° to CA; red hem on fract; mod. epi on fract + perv. in feld.	65448	71.37	74.42	3.05	191	.04	137
				65449	74.42	77.47	3.05	116	.05	186
				65450	77.47	80.52	3.05	133	.02	150
				65451	80.52	83.57	3.05	177	.03	177
				65452	83.57	86.62	3.05	294	.04	190
				65453	86.62	89.67	3.05	183	.01	240





# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-4 Sheet No. 1 Lat. 11200 N Total Depth 39.65 m  
 Section \_\_\_\_\_ Dep. 88+62 E Logged By UGM  
 Date Begun OCT 15/96 Bearing 090°/-45° Claim WINDY 2  
 Date Finished OCT 15/96 Elev. Collar \_\_\_\_\_ Core Size Sludge  
 Date Logged NOV 8/96

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm	
FROM	TO										
0	12.2		Light yellow brown; even mix of gtz schist, gtz frags, black hornfels?. occ oxidized pyr cube, mag + coarse flakes of ser + phlogopite; extremely fine silvery metallic in schist; minor gold coloured flakes; limonite on frags + as balls; mod. magnetic	65456	0	12.2	12.2	109	.03	1	
12.2	18.3		Light yellow brown; frags as above; rare frag of purple gtz, augT, c.g. ser; minor rust on frags; mod. magnetic	65457	12.2	18.3	6.1	108	.04	1	
18.3	24.4		Light yellow brown; equal amounts of red brown limonitic gtz, white gtz, green grey sil'd ??, black magnetite; tr fresh ang pyr; mod. magnetic	65458	18.3	24.4	6.1	78	.03	19	
24.4			Light grey; as above but with yellow green epidotized frags also. 0.5% pyr; 1 frag of bright pink ??; mod. magnetic	65459		24.4		116	.01	25	



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-5 Sheet No. 1  
 Section \_\_\_\_\_  
 Date Begun OCT 16/96  
 Date Finished OCT 17/96  
 Date Logged NOV 8/96

Lat. 10000 N  
 Dep. 91 + 20 E  
 Bearing 090°/-45°  
 Elev. Collar \_\_\_\_\_

Total Depth 88.45 m  
 Logged By UGM  
 Claim WINDY  
 Core Size Sludge

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
12.2	18.3		Light yellow grey; dark greyish black ang hornfels, white gtz + minor schist, tr. malachite, rounded asp frag; very oxidized pyr; weakly magnetic	65463	12.2	18.3	6.1	68	.01	1
18.3	24.4		Light yellow grey; black hornfels, pale grey sil'd ??, white gtz, red/purple jasper, med green grey chl'd diorite?; weakly magnetic	65464	18.3	24.4	6.1	63	.01	1
24.4	30.5		Light yellow grey, as above but with oxidized sulphide; moderately magnetic (Black return)	65465	24.4	30.5	6.1	63	.02	16
30.5	33.55		Dark yellow grey; dominantly pale grey to dark grey sil'd ??, minor chl'd diorite, rare purple jasper; 0.5% oxidized sulphide frag; tr fresh pyr, white gtz; moderately magnetic; (Black return)	65466	30.5	33.55	3.05	59	.02	11

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-5

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 96-5 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
33.55	36.6		Med grey; dominantly pale green grey sil'd ?? with much limonite on frags; white to transparent gtz; mod magnetic (Black return)	65467	33.55	36.6	3.05	64	.01	1
36.6	39.65		Med grey; f.g. equigranular sand as above, extremely f.g. sulphide; tr cpy; strongly magnetic, (Black return)	65468	36.6	39.65	3.05	34	.01	1
39.65	42.7		Med grey; as above; vfg sulphide in sil'd? mod magnetic; (Black return)	65469	39.65	42.7	3.05	60	.01	5
42.7	45.75		Med yellow grey; as 39.65-42.7; strongly magnetic; (Black return ends)	65470	42.7	45.75	3.05	62	.02	1
45.75	48.8		Med yellow grey; as above but a major amount of oxidized sulphide; strongly magnetic	65471	45.75	48.8	3.05	74	.01	1
48.8	51.85		Med yellow grey; as 45.75-48.8; very strongly magnetic	65472	48.8	51.85	3.05	69	.03	1

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-5 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	AS ppm
FROM	TO									
51.85	54.9		Med yellow grey; buff kaol'd feld; red oxidized sulphide, black hornfels + mag; very strongly magnetic	65473	51.85	54.9	3.05	74	.02	1
54.9	57.95		Dark brown grey; dominantly buff kaol'd + vfg feld; lesser oxidized material; very strongly magnetic	65474	54.9	57.95	3.05	81	.05	1
57.95	61.0		Med brown; as 54.9-57.95; very strongly magnetic	65475	57.95	61.0	3.05	105	.03	1
61.0	64.05		Light yellow brown; as 54.9-57.95; very strongly magnetic	65476	61.0	64.05	3.05	100	.20	1
64.05	67.1		Light grey yellow brown; as 54.9-57.95 but vfg diss'd sulphide; weakly magnetic	65477	64.05	67.1	3.05	74	.01	1
67.1	70.15		Light yellow brown; as 54.9-57.95 but with vfg sulphide + large sericite flakes; strong magnetism	65478	67.1	70.15	3.05	102	.03	1



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-5 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	AS ppm
FROM	TO									
70.15	73.2		Med grey brown; as 67.1-70.15; very strong magnetism	65479	70.15	73.2	3.05	101	.05	1
73.2	76.25		Med red brown grey; pale green grey schistose ??, white gtz + 40% limonite frags occ with vfg sulphide, black hornfels? tr fresh pyr + cpy; very strong magnetism	65480	73.2	76.25	3.05	90	.03	1
76.25	79.3		Med red brown grey; as 73.2-76.25; very strong magnetism	65481	76.25	79.3	3.05	117	.05	1
79.3	82.35		Light red brown; as 73.2-76.25; very strong magnetism	65482	79.3	82.35	3.05	117	.02	1
82.35	85.4		As 79.3-82.35	65483	82.35	85.4	3.05	125	.03	1
85.4	88.45		Light red brown; as 73.2-76.25 but with big sericite flakes; very strong magnetism	65484	85.4	88.45	3.05	105	.04	1

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. <u>96-6</u>	Sheet No. <u>1</u>	Lat. <u>10170 N</u>	Total Depth <u>30.5 m</u>
Section _____	Dep. <u>88 + 00E</u>	Logged By <u>UGM</u>	Claim <u>WINDY 1</u>
Date Begun <u>OCT 18/96</u>	Bearing <u>360°/-45°</u>	Elev. Collar _____	Core Size <u>Sludge</u>
Date Finished <u>OCT 19/96</u>	Date Logged <u>NOV 12/96</u>		

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm		
12.2	15.25		Brown grey, very granular, pale green grey to grey sil'd ??, black hornfels, ang. white glz, green chl'd dior. with black biotite & white feld; strongly magnetic	65486	12.2	15.25	3.05	210	.01	1		
15.25	18.3		Med grey; dominantly buff Kao'd feld with some frags as above, pink ??, tr. epi; weakly magnetic	65487	15.25	18.3	3.05	50	.01	1		
18.3	21.35		Med grey; as 15.25-18.3; non-magnetic	65488	18.3	21.35	3.05	50	.02	1		
21.35	24.4		Med grey; as 12.2-15.25 but with buff Kao'd feld; non-magnetic	65489	21.35	24.4	3.05	51	.01	1		
24.4	27.45		Light yellow grey; as 12.2-15.25; weakly magnetic	65490	24.4	27.45	3.05	50	.02	1		
27.45	30.5		Dark brown grey; as 12.2-15.25 but finer grained; weakly magnetic	65491	27.45	30.5	3.05	59	.01	1		

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-7 Sheet No. 1  
 Section \_\_\_\_\_  
 Date Begun OCT 22/96  
 Date Finished OCT 22/96  
 Date Logged OCT 25/96

Lat. 10400 N  
 Dep. 86 + 60E  
 Bearing 360° / -45°  
 Elev. Collar \_\_\_\_\_

Total Depth 61.92 m  
 Logged By UGM  
 Claim WINDY 2  
 Core Size NQ

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
0	5.49		CASING							
5.49	11.9		DIORITE - c.g, dark green grey, weakly foliated at 35° to CA; 60% weakly ser'd feld, 40% biot +/- mag; mod. carb +/- gtz vning at 30-40° to CA; 1% diss'd pyr, trcpy & trpo conc'd in mafic areas; minor epi on fract's & as f.g. clots; black chl. on fract's; slightly magnetic	65492	5.49	8.54	3.05	214	.03	1
			- 7.63 dyke, dark grey, f.g; contacts 45° to CA	65493	8.54	11.9	3.36	169	.03	13
			- 9.15 fragment, vfg, black chloritic							
			- 10.37 carb vnl't with massive pyr clot at 50° to CA							
			- 10.68 2 2.5 cm gtz vnl'ts X-cutting each other at 60° + 25° to CA, 25° vnl't has massive pyr clots							
			- 10.93 2.5 cm gtz vnl'ts with massive pyr clots							

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-7 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm	
11.9	22.27		DIORITE - c.g., nonfoliated as 5.49-11.9;	65494	11.9	14.95	3.05	212	.02	86	
			carb /gtz vning weak generally hairline	65495	14.95	18.0	3.05	269	.05	17	
			-12.51 2.5 cm yellow green epi-carb	65496	18.0	21.05	3.05	339	.03	50	
			vnit at 10° to CA with red hem.	65497	21.05	22.27	1.22	87	.02	18	
			on fract								
			-15.71 15 cm band of 50% semi-massive								
			pyr at 45° to CA								
			-21.35 + 22.11 minor pale grey zones of								
			bleaching; intrusive texture								
			becoming vague from silica/ser								
			alteration								
22.27	25.93		DIORITE - v. alt'd; upper etc 65° to CA, lower	65498	22.27	25.32	3.05	412	.05	56	
			contact 65° to CA; pale grey aphanitic,	65499	25.32	25.93	0.61	875	.05	3	
			intensely carb'd; bleached with rare								
			patch of intrusive text. cut by numerous								
			gtz or carb +/-gtz vnits generally at 70°								
			+ 50° to CA; intense black chl on fract + as								
			clots in gtz vnits; occ clot of massive pyr								
			in gtz vnits; generally 1% diss'd pyr, tr								
			cpy, tr moly? + silvery vfg metallic, non-mag.								

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-7 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm	
25.93	28.98		DIORITE - weakly foliated as 5-49-11.9; foliation 50° to CA; strong irreg white carb patches	65500	25.93	28.98	3.05	708	.12	1	
28.98	45.75		DIORITE - v. alt'd as 22.27-25.93, vague remnant patches of mafics as faint green chloritic areas; intense ser/carb? alteration strong gtz + gtz/carb vning at 30°, 75° & irreg; 3% pyr, tr cpy + tr moly diss'd + along selvages of vnlts	65651	28.98	32.03	3.05	1219	.09	1	
				65652	32.03	35.08	3.05	975	.10	26	
				65653	35.08	38.13	3.05	708	.05	66	
				65654	38.13	41.18	3.05	204	.05	25	
				65655	41.18	44.23	3.05	782	.08	25	
				65656	44.23	45.75	1.52	612	.05	54	
			- 38.43 to 39.65 intense gtz + gtz/carb veining at 70° + 80° to CA; very broken								
			- 42.4 to 45.75 dior darker in colour from mag + chl; very broken + gougey								
45.75	46.97		SILICIFIED ZONE - med grey, aphanitic, cut by white hairline carb vnlts with no preferred orientation + irreg; carb on fract; discontinuous irreg white gtz vnlts + dark green black chl as fract coatings; 1% diss'd pyr tr cpy	65657	45.75	46.97	1.22	325	.03	80	

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-7 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
46.97	47.73		DIORITE - v. alt'd as 28.98 - 45.75	65658	46.97	47.73	0.76	387	.04	46
47.73	48.5		MYLONITE? black to green black; looks like arg but grades into dior. either side; upper ctc 65°, lower ctc 60° to CA; has 2 mm white carb? dots; minor white irreg. carb vnits; 1% diss'd pyr; mod. magnetic	65659	47.73	48.5	0.77	146	.02	38
48.5	50.48		DIORITE - v. alt'd as 28.98 - 45.75 with occ. sil'd zone as 45.75 - 46.97	65660	48.5	50.48	1.98	86	.02	74
50.48	56.43		MYLONITE? as 47.73 - 48.5, foliated by white hairline carb. vnits + black streaks at 10° to CA; 10% pyr dominantly on fract's (appears like marcasite) + also as euhedral xls; very broken; lacks fissile fracturing of shale	65661	50.48	53.38	2.90	155	.02	1
				65662	53.38	56.43	3.05	141	.01	1
56.43	58.87		DIORITE - alt'd, dark grey mottled with white f.g. 2-4 mm specks; 1% diss'd pyr + cpy; weakly magnetic; very broken; blue	65663	56.43	58.87	2.44	599	.07	50



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 1  
 Section \_\_\_\_\_  
 Date Begun OCT 22/96  
 Date Finished OCT 23/96  
 Date Logged OCT 26/96

Lat. 10400 N  
 Dep. 86 + 60 E  
 Bearing 090°/-45°  
 Elev. Collar \_\_\_\_\_

Total Depth 97.6 m  
 Logged By UGM  
 Claim WINDY Z  
 Core Size NQ

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
0	4.58		CASING							
4.58	5.03		QUARTZ VEIN - blotchy white gtz vn with numerous patches of black chl +/- mag; pale greenish grey alt'd aphanitic intrusive?; tr pyr	65665	4.58	5.03	0.45	14	.01	31
5.03	6.1		MYLONITE? black weakly foliated by white hairline carb vn lts 65° to CA & stretched white carb spots; weakly magnetic; no visible sulphides	65666	5.03	6.1	1.07	35	.02	1
6.1	7.32		ALTERED DIORITE? med grey, textureless ser'd, weakly foliated at 55° to CA by white hairline carb vn lts (med); tr diss'd pyr	65667	6.1	7.32	1.22	140	.02	3
7.32	9.91		ALTERED DIORITE, med grey with relict feld visible; cut by 2 pale pink gtz/ carb vn lts at 7.78 + 8.24 at 50° + 30° plus black hairline chl-lined fract's; 5% diss'd pyr; tr cpy; irreg carb patches & vn lts; weakly magnetic	65668	7.32	9.91	2.59	295	.03	1



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 2 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
9.91	17.69		ALTERED DIORITE, med grey weakly foliated; generally massive, dense, streaked by black chl +/- mag at 65° to CA; minor white irreg carb vnlt; 5% pyr mainly conc'd in black chl but also diss'd	65669	9.91	12.96	3.05	341	.03	25
				65670	12.96	16.01	3.05	159	.02	1
				65671	16.01	17.69	1.68	104	.01	53
			- 10.98 1.5 cm glob of pyr in carb vnlt							
			- 11.59 dark grey f.g frag 5 cm long + a 1cm glob of cpy in carb vnlt							
			- 14.95 2.5 cm gtz vnlt, pinkish at 55° to CA; cut by white carb vnlt at 10° to CA							
17.69	22.27		ALTERED DIORITE - as at 7.32-9.91; mod carb, weak gtz vnlt at 55° to CA	65672	17.69	20.74	3.05	265	.03	53
				65673	20.74	22.27	1.53	601	.04	4
			- 17.69 very irreg pinkish gtz vnlt at 55° to CA							

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 3 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	As	As	
								ppm	g/t	ppm	
22.27	22.72		QUARTZ ZONE - at 55°? 60°? to CA; white gtz mottled by black to green black chl patches & minor white carb	65674	22.27	22.72	0.45	434	.06	113	
22.72	24.86		ALTERED DIORITE as at 7.32-9.91 but feld texture vague to non-existent; mod carb vning at 0°, 10°, 30° & 60° to CA - 22.72 1 cm pyr dot	65675	22.72	24.86	2.14	560	.04	112	
24.86	26.69		MYLONITE, black spotted by 1mm white dots of relict feld?; carb vnltts at 10° to CA; tr c.g. euhedral (4mm) pyr xls. tr cpy - 25.32 15 cm greyish pink gtz vnit - 26.23 to 26.69 gouge, greenish black	65676	24.86	26.69	1.83	250	.01	71	
26.69	35.08		ALTERED DIORITE, m.g. mottled dark grey (chloritic) & light grey (relict feld); broken & gougey; dark grey areas relict mafics now black chl +/- mag; 3% euhedral pyr occ conc'd on frags; mod carb vning at 55° to CA; weakly magnetic	65677	26.69	29.74	3.05	255	.07	124	
				65678	29.74	32.79	3.05	113	.04	90	
				65679	32.79	35.08	2.29	661	.07	95	

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 4 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH	RECOVERY		DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
	FROM	TO								
26.69	35.08		-30.5 5cm gtz vnit at 55° to CA; no visible sulphides, black chl patches							
(cont'd)			-30.81 diorite text., f.g. highly att'd by sericite							
			-31.26 15 cm zone of black chl + bx'd carb frags							
			-31.72 15 cm zone of black chl + bx'd carb frags							
35.08	35.53		Dyke, dark olive green, generally aphanitic with occ pale yellow green 1mm epidotized feld + vague black biot? outlines; cut by white carb vnits at 45° to CA; minor pale green epi-carb frags; strong chl, tr pyr. weakly magnetic, contacts at 55° to CA	65680	35.08	35.53	0.45	106	.01	67
35.53	37.06		ALTERED DIORITE, c.g. mottled as at 26.69-35.08 mod. magnetic; minor irreg, discontinuous hairline carb vning with no preferred orientation; 1% diss'd pyr; pinkish relicts	65681	35.53	37.06	1.53	149	-04	70

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-B

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-B Sheet No. 5 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	AS ppm
FROM	TO									
35.53	37.06		of biot; vfg clots & streaks of epi (tr); (Cont'd) black chl on fract							
37.06	38.13		Dyke as at 35.08-35.53; upper ctc extremely irreg & highly epidotized, strong epi & chl throughout; tr hairline carb vning; tr pyr; yellow green 2 mm epidotized feld & 2-4 mm clots of chl/ mag in dark green matrix; mod magnetic lower ctc 70° to CA & epidotized	65682	37.06	38.13	1.07	145	.01	101
38.13	40.11		ALTERED DIORITE, c.g. as at 35.53-37.06; weak epi vnlts; weak green chl vnlts at 10° to CA; weak carb. vnlts -39.19 5 mm clot of epy in chl vnit	65683	38.13	40.11	1.98	351	.02	100
40.11	41.48		DYKE as at 35.08-35.53; upper ctc 45° to CA & gradational; lower ctc 90° to CA; both highly epidotized; minor patches of c.g. mottled intrusive (frags?); mod epi +/- carb hairline vnlts; strong perv. epi. weak carb vning & random orientation	65684	40.11	41.48	1.37	217	.05	79

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-B

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-B Sheet No. 6 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
41.48	42.55		ALTERED DIORITE, c.g. as at 35.53-37.06 - 42.4 4 mm white carb vnit at 45° to CA with epi-pyr selvage (1 cm)	65685	41.48	42.55	1.07	466	.24	98
42.55	43.62		DYKE as at 35.08-35.53; upper cte 50° to CA lower cte 90° to CA + slightly foliated with white carb smears; mod. magnetic - 42.7 5 cm apophyses of c.g. alt'd dior as at 35.53-37.06	65686	42.55	43.62	1.07	133	.01	91
43.62	45.75		ALTERED DIORITE, f.g. med grey spotted with black relict phenos of chl/mag; minor white hairline carb vnits at 80 to 90° to CA, tr diss'd pyr; mod. magnetic	65687	43.62	45.75	2.13	169	.02	33
45.75	46.21		MYLONITE, black slightly foliated with white hairline carb vnits at 80° to CA; upper cte 45°? lower contact 90° to CA; tr diss'd pyr; mod magnetic	65688	45.75	46.2	0.45	137	.01	1

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 7 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
46.21	48.19		DIORITE, f.g. as 43.62 - 45.75 with minor c.g. dior as at 35.53 - 37.06; mod irreg carb vning	65689	46.2	48.19	1.99	315	.01	48
48.19	57.04		VERY ALTERED DIORITE, f.g. as at 43.62 - 45.75 black mafics are green, chl'd; very ser'd; feld white 2 mm dots of carb; mod carb vning at 35° + 10° to CA -48.19 annealed bx zone, buff, ser'd with green chl + white carb filling tension gashes -48.8 chl'd mafics disappear; only white relict feld visible -52.61 7.5 cm grey gtz vnt at 40° to CA -52.76 to 53.07 relict feld in f.g diorite between 2 vertical fract's stretched + foliated at 90° to CA -53.78 to 54.14 pale grey sil'd zone with vague greyish ser'd 2 mm feld, green black chl-lined fract's; minor carb vning at 90° + 30° to CA	65690	48.19	51.24	3.05	169	.01	35
				65691	51.24	54.29	3.05	299	.03	239
				65692	54.29	57.04	2.75	184	.02	98

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 96-8 Sheet No. 8 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
<u>48.19</u>	<u>57.04</u>		<u>-54.29 mod chl on fract's &amp; in all directions (shatter zone?)</u>							
<u>57.04</u>	<u>64.05</u>		<u>DIORITE, a.g., med grey with feld. texture visible; cut by weak hairline carb vning at 35° to 40° to CA &amp; black chl-lined fract's black phenos also visible - dominantly mag</u>	<u>65693</u>	<u>57.04</u>	<u>60.09</u>	<u>3.05</u>	<u>244</u>	<u>.02</u>	<u>58</u>
			<u>- 50.26 to 63.44 dark semi-ovoid frags up to 7.5 cm of felted biot &amp; feld</u>	<u>65694</u>	<u>60.09</u>	<u>63.14</u>	<u>3.05</u>	<u>255</u>	<u>.03</u>	<u>62</u>
			<u>- 62.22 2.5 cm gtz vnit at 70° to CA</u>	<u>65695</u>	<u>63.14</u>	<u>64.05</u>	<u>0.91</u>	<u>376</u>	<u>.02</u>	<u>89</u>
			<u>- 62.37 1.5 cm gtz vnit at 70° to CA</u>							
			<u>- 62.68 2.5 cm gtz vnit at 70° to CA</u>							
			<u>- 63.44 to 64.05 light grey bleached, ser'd &amp; sil'd; mafics vague; minor gash carb vning; tr pyr</u>							
<u>64.05</u>	<u>66.8</u>		<u>DIORITE, a.g. as 57.04-64.05 but dark grey &amp; fresher looking; dark frags still present; minor carb vnits with bleaching at variable angles; mod magnetic; 1% pyr dominantly on fract's</u>	<u>65696</u>	<u>64.05</u>	<u>66.8</u>	<u>2.75</u>	<u>364</u>	<u>.04</u>	<u>66</u>

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 9 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
66.8	70.46		DIORITE, c.g. as 64.05-66.8 but yellow green grey from epi replacing feld, as clots replacing frags + as hairline vnits; dark green chl-filled tension gashes at 10° to CA minor red hem on frags; 1% diss'd pyr -69.39 2, 1cm clots of cpy in carb/chl gash	65697	66.8	69.85	3.05	265	.02	1
				65698	69.85	70.46	0.61	299	.03	29
70.46	73.51		DIORITE, c.g. as at 64.05-66.8 -71.68 to 71.98 black mylonite with carb vnits at 80° to CA + carb/chl/qtz band at base at 70° to CA	65699	70.46	73.51	3.05	145	.04	46
73.51	75.18		DIORITE, c.g. as 66.8-70.46 but epi not as pronounced; fracturing, epi vnits, chl vnits all at 10° to CA; mod magnetic	65700	73.51	75.18	1.67	124	.03	46
75.18	79.45		DYKE as at 35.08-35.53 but mafics + feld more pronounced; olive green matrix, black mafic phenos; upper cte 55°, lower cte 75° to CA; weak carb vnits, mostly hairline often	65701	75.18	78.23	3.05	127	.02	70
				65702	78.23	79.45	1.22	122	.01	58



# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 10 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
75.18	79.45		with yellow green epi'd selvage; tr vfq sulphide; non-magnetic							
	(cont'd)									
79.45	84.94		DIORITE, c.g., med. grey with black biot <sup>+</sup> / mag phenos (40%) x 60% grey feld; mod magnetic; minor irreg carb vnits; tr diss'd pyr but conc'd in mafics; minor red hem on fract's; minor epi vning + replacement of feld from 81.44-83.57	65703	79.45	82.5	3.05	132	.03	28
				65704	82.5	84.94	2.44	297	.05	98
			-79.91 15 cm f.g. dyke with vfq mafics + feld visible; intensely epidotized							
			-81.74 intrusive texture becomes vaguer; occ black frag							
			-82.96 to 83.88 green vertical chl-filled tension gashes							
84.94	86.16		DIORITE, f.g. as 48.19-57.04; pale grey matrix with 2mm buff ser'd feld relicts, minor mafic relicts black + composed of mag; tr incipient epi; 1% diss'd pyr	65705	84.94	86.16	1.22	98	.03	41
			-85.25 only carb vnit in section at 80° to CA							

# DIAMOND DRILL RECORD

PROPERTY WINDY

HOLE No. 96-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 96-8 Sheet No. 11 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au g/t	As ppm
FROM	TO									
86.16	86.93		DIORITE, c.g. as at 79.45-84.94	65706	86.16	86.93	0.77	62	.02	34
86.93	87.84		SILICIFIED ZONE, pale grey with vague buff, ser'd mafics? + dark grey patches (mafic?), 1% diss'd pyr + on black chl-lined hairline fract; weakly magnetic; tr moly?; vague frag outlines present - 87.23 2.5 cm gtz vn at 80° to CA - 88.76 15 cm gtz vn at 80° to CA	65707	86.93	87.84	0.91	125	.02	28
87.84	88.45		DIORITE, c.g. as 79.45-84.94	65708	87.84	88.45	0.61	252	.06	73
88.45	89.98		SILICIFIED ZONE, as at 86.93-87.84	65709	88.45	89.98	1.53	208	.33	49
89.98	96.99		DIORITE, c.g. as 79.45-84.94	65710	89.98	93.03	3.05	84	.02	76
				65711	93.03	96.08	3.05	423	.09	45
96.99	97.6		DIORITE, f.g. as 48.19-57.04	65712	96.08	96.99	0.91	109	.03	66
				65713	96.99	97.6	0.61	128	.05	53





# MINERAL ENVIRONMENTS LABORATORIES

(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS  
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**VANCOUVER OFFICE:**  
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**SMITHERS LAB:**  
3176 TATLOW ROAD  
SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

## Assay Certificate

6S-0232-RA2

Company: **COLUMBIA GOLD MINES LTD**  
Project: **WINDY**  
Attn: **Wayne Roberts**

Date: **OCT-29-96**

We hereby certify the following Assay of 16 CORE samples submitted OCT-17-96 by U. Mowat.

Sample Number	Au-fire g/tonne	
0-65425	.05	
0-65426	.01	DDH 96-1
0-65427	.01	
0-65428	.01	
0-65429	.01	
0-65430	.01	
0-65431	.01	
0-65432	.01	DDH 96-2
0-65433	.01	
0-65434	.01	
0-65435	.01	
0-65436	.01	
0-65437	.01	
0-65438	.01	
0-65439	.01	
0-65440	.01	

Certified by \_\_\_\_\_ 

MIN-EN LABORATORIES



# MINERAL ENVIRONMENTS LABORATORIES

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SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

## Assay Certificate

6S-0237-RA1

Company: **COLUMBIA GOLD MINES LTD**  
Project: **WINDY**  
Attn: **Wayne Roberts**

Date: OCT-29-96

We hereby certify the following Assay of 13 ROCK samples submitted OCT-21-96 by U. Mowat.

Sample Number	Au-fire g/tonne
0-65441	.01
0-65442	.02
0-65443	.02
0-65444	.02
0-65445	.01
0-65446	.01
0-65447	.06
0-65448	.04
0-65449	.05
0-65450	.02
0-65451	.03
0-65452	.04
0-65453	.01

*JDH 96-2*

Certified by 

MIN-EN LABORATORIES

COMP: COLUMBIA GOLD MINES LTD

PROJ: WINDY

ATTN: Wayne Roberts

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604)327-3436 FAX: (604)327-3423

FILE NO: 65-0232-RJ1+2

DATE: 96/10/29

\* \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SM PPM	SR PPM	TH PPM	Tl %	U PPM	V PPM	W PPM	Zn PPM
0-65401	.3	1.44	83	66	.1	1	4.18	.1	14	36	396	2.75	1	.47	13	1.44	443	10	.02	31	1270	1	1	4	155	1	.04	1	34.4	1	25
0-65402	.5	1.65	82	87	.1	1	4.12	.1	15	66	459	3.15	1	.82	16	1.67	352	11	.02	35	1260	1	1	5	159	1	.06	1	49.1	1	34
0-65403	.3	1.27	67	66	.1	1	5.43	.1	12	28	357	2.60	1	.29	11	1.17	468	9	.01	25	1260	1	1	4	219	1	.01	1	20.6	1	27
0-65404	.2	1.32	83	77	.1	1	4.71	.1	11	49	313	2.46	1	.43	12	1.26	376	8	.02	24	1330	1	1	4	202	1	.03	1	34.9	1	28
0-65405	.7	1.77	63	97	.1	4	3.92	.1	17	29	928	3.37	1	.83	16	1.77	489	11	.02	29	1530	1	1	5	184	1	.07	1	62.4	1	35
0-65406	.6	1.41	61	97	.1	5	5.40	.1	15	37	719	2.86	1	.71	13	1.29	508	10	.02	24	1570	1	1	4	237	1	.06	1	42.7	1	27
0-65407	.5	1.11	13	69	.1	2	5.05	.1	19	27	732	3.27	1	.46	10	1.06	415	10	.01	24	1120	1	1	5	225	1	.04	1	23.2	1	30
0-65408	.9	1.30	1	84	.1	15	3.73	.1	21	56	1723	3.88	1	.39	11	1.22	329	12	.02	28	1400	1	1	6	153	1	.03	1	35.3	1	67
0-65409	.7	1.36	86	55	.1	3	4.83	.1	16	30	751	2.71	1	.34	13	1.42	387	10	.01	29	1550	1	1	4	186	1	.03	1	39.8	1	63
0-65410	1.7	1.34	76	82	.1	23	4.09	.1	17	58	2063	3.12	1	.42	11	1.30	366	11	.02	31	1450	1	1	5	191	1	.03	1	33.5	1	90
0-65411	.9	1.06	74	83	.1	11	4.30	.1	13	42	1017	2.30	1	.43	10	1.03	312	27	.02	27	1210	1	1	3	228	1	.03	1	22.7	1	81
0-65412	3.5	1.08	1	92	.1	55	3.62	.1	20	63	4393	3.54	1	.37	9	.98	239	11	.02	31	1110	1	2	5	159	1	.02	1	19.8	1	108
0-65413	1.4	1.38	106	77	.1	24	4.03	.1	17	49	2254	2.58	1	.22	13	1.53	260	11	.02	31	1290	1	1	4	228	1	.01	1	32.3	1	53
0-65414	.8	1.58	112	88	.1	5	4.31	.1	16	83	1025	2.84	1	.16	13	1.75	329	17	.04	36	1270	1	1	5	303	1	.01	1	38.6	1	39
0-65415	.5	1.50	67	69	.1	1	4.30	.1	15	48	651	3.11	1	.14	12	1.52	376	14	.02	29	1300	1	1	4	262	1	.01	1	32.2	1	34
0-65416	.5	1.13	72	59	.1	1	5.54	.1	13	23	479	2.26	1	.16	9	1.08	464	12	.01	25	1310	1	1	4	298	1	.01	1	15.2	1	29
0-65417	.8	1.12	78	51	.1	8	6.33	.1	15	35	643	2.30	1	.20	12	1.00	643	15	.01	26	1450	1	1	4	253	1	.01	1	18.3	1	29
0-65418	1.0	1.47	44	44	.1	2	6.22	.1	23	25	1231	3.73	1	.20	11	1.44	743	35	.01	34	1590	1	1	5	367	1	.01	1	21.4	1	52
0-65419	.3	1.77	141	55	.1	1	7.60	.1	18	40	316	2.94	1	.21	13	1.81	937	13	.01	36	1340	1	1	5	453	1	.01	1	24.0	1	43
0-65420	.3	1.85	178	35	.1	1	9.45	.1	19	54	260	2.94	1	.13	12	1.93	1118	11	.01	41	1040	1	1	5	408	1	.01	1	35.1	1	39
0-65421	.5	2.46	160	36	.1	1	7.76	.1	32	103	527	4.21	1	.15	18	2.74	832	14	.01	63	1180	1	1	7	227	1	.01	1	66.7	1	35
0-65422	.7	2.39	184	78	.1	1	9.32	.1	25	121	338	3.84	1	.50	19	2.65	1087	14	.01	71	1210	1	1	6	225	1	.04	1	78.6	1	38
0-65423	.6	1.28	111	124	.1	5	3.28	.1	14	82	627	2.27	1	.49	10	1.37	440	9	.04	35	760	1	1	3	85	1	.05	1	44.7	1	35
0-65424	.5	2.47	243	160	.1	1	3.57	.1	23	145	172	3.15	1	.84	20	3.10	680	13	.02	76	1570	1	1	5	144	1	.09	1	98.4	1	49
0-65425	1.1	2.60	173	129	.1	1	6.85	.1	24	104	326	3.75	1	.84	19	2.92	998	13	.02	56	1220	1	1	6	149	1	.08	1	100.1	1	54
0-65426	.9	3.99	261	58	.1	1	6.19	.1	33	220	139	5.02	1	.36	26	5.03	1051	15	.01	66	950	1	1	10	196	1	.08	1	167.3	1	55
0-65427	1.0	2.15	175	71	.1	1	2.54	.1	29	94	114	3.46	1	.82	25	2.73	539	11	.02	50	1180	1	1	6	192	1	.12	1	94.0	1	25
0-65428	1.0	2.03	187	66	.1	1	2.98	.1	27	88	120	3.33	1	.76	26	2.64	538	11	.02	48	1160	1	1	6	229	1	.10	1	87.4	1	24
0-65429	.8	.88	68	44	.1	1	2.94	.1	26	46	273	2.26	1	.21	11	1.05	235	8	.03	29	1630	1	1	4	174	1	.06	1	47.0	1	10
0-65430	1.1	2.07	187	62	.1	1	2.87	.1	30	101	141	3.46	1	.81	25	2.61	459	12	.02	54	1390	1	1	6	258	1	.12	1	89.2	1	20
0-65431	1.4	2.49	215	64	.1	1	7.66	.1	23	116	69	3.45	1	.72	25	3.25	799	12	.02	49	990	1	1	6	273	1	.11	1	108.9	1	26
0-65432	1.2	2.59	232	99	.1	1	6.47	.1	30	209	105	3.82	1	.66	28	3.62	698	12	.01	66	990	1	1	7	311	1	.09	1	120.9	1	27
0-65433	1.1	1.80	188	62	.1	1	2.58	.1	29	98	128	3.06	1	.56	21	2.62	410	10	.02	49	1170	1	1	5	290	1	.10	1	74.3	1	20
0-65434	1.0	1.69	195	56	.1	1	3.48	.1	32	90	130	2.99	1	.41	20	2.53	447	9	.02	44	1140	1	1	5	294	1	.08	1	74.8	1	18
0-65435	1.2	2.08	234	37	.1	1	10.01	.1	21	121	61	3.05	1	.62	23	2.85	853	11	.02	43	830	1	1	6	389	1	.06	1	125.1	1	21
0-65436	.9	1.65	155	65	.1	1	2.41	.1	40	92	264	3.18	1	.50	19	2.22	351	10	.02	49	1200	1	1	5	215	1	.09	1	75.6	1	19
0-65437	1.3	2.66	294	37	.1	1	6.04	.1	26	353	62	3.19	1	.39	25	3.83	632	11	.02	85	840	1	1	6	245	1	.08	1	82.4	4	30
0-65438	.9	1.27	139	40	.1	1	2.58	.1	20	77	71	2.00	1	.29	13	1.65	292	7	.02	31	1260	1	1	3	178	1	.07	1	50.9	1	14
0-65439	.9	1.28	160	47	.1	1	3.25	.1	18	71	60	1.95	1	.27	16	1.84	321	8	.02	34	1230	1	1	4	233	1	.06	1	60.5	1	14
0-65440	.9	1.23	132	45	.1	1	1.80	.1	31	85	158	2.20	1	.43	14	1.67	234	7	.02	46	1210	1	1	4	174	1	.08	1	48.2	1	14

OCT-29-1996 15:06

MIN-EN LABS

604 327 3423

P.04

COMP: COLUMBIA GOLD MINES LTD  
 PROJ: WINDY  
 ATTN: Wayne Roberts

MIN-EN LABS — ICP REPORT  
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8  
 TEL: (604)327-3436 FAX: (604)327-3423

FILE NO: 6S-0237-RJ1  
 DATE: 96/10/29  
 \* \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM
0-65441	.7	1.31	186	36	.1	1	3.03	.1	39	182	267	2.31	1	.47	19	1.95	319	8	.02	66	1140	1	1	4	172	1	.06	1	38.3	3	16
0-65442	.6	1.52	204	48	.1	1	1.81	.1	43	95	311	3.01	1	.51	19	2.19	284	10	.02	55	1250	1	1	5	209	1	.07	1	70.0	1	16
0-65443	.6	1.40	139	43	.1	1	2.31	.1	31	84	233	2.65	1	.39	17	1.98	292	8	.02	38	1260	1	1	5	259	1	.07	1	69.4	1	15
0-65444	.5	2.75	130	46	.1	1	6.59	.1	43	129	191	4.74	1	.45	27	3.38	616	14	.01	54	950	1	1	10	281	1	.03	1	139.3	1	23
0-65445	.6	3.04	84	83	.1	1	6.92	.1	34	120	168	5.27	1	.71	32	3.37	853	15	.01	50	1050	1	1	10	250	1	.04	1	139.1	1	33
0-65446	.6	1.69	257	74	.1	1	8.33	.1	22	148	71	3.64	1	.21	28	3.40	887	10	.02	53	910	1	1	7	703	1	.01	1	117.8	1	26
0-65447	.6	1.53	74	122	.1	1	4.94	.1	15	19	260	2.94	1	.42	14	1.72	990	9	.02	24	1660	1	1	5	407	1	.03	1	63.3	1	42
0-65448	.7	2.44	137	406	.1	1	4.67	.1	22	41	191	4.15	1	1.04	21	2.66	1148	14	.02	34	1760	1	1	7	417	1	.08	1	146.6	1	52
0-65449	.8	2.38	186	533	.1	1	3.94	.1	25	35	116	3.81	1	1.18	23	2.97	1083	12	.03	37	1660	1	1	7	392	1	.11	1	158.9	1	64
0-65450	.6	2.27	150	529	.1	1	3.17	.1	26	43	133	3.75	1	.98	21	2.89	925	11	.02	35	1820	1	1	7	321	1	.11	1	156.3	1	57
0-65451	.9	2.60	177	719	.1	1	3.40	.1	27	108	177	4.01	1	1.25	22	3.30	930	13	.02	71	1800	1	1	7	237	1	.13	1	156.6	1	59
0-65452	1.0	2.49	190	883	.1	1	2.54	.1	26	88	294	3.64	1	1.09	22	3.14	852	11	.02	58	1830	1	1	7	270	1	.13	1	139.9	1	60
0-65453	1.0	2.36	240	741	.1	1	2.65	.1	23	152	183	3.19	1	1.31	20	2.90	860	11	.03	72	1630	1	1	6	207	1	.13	1	120.0	1	55

TOTAL P.06

OCT-29-1996 15:07

MIN-EN LABS

604 327 3423 P.06



**MINERAL ENVIRONMENTS LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS  
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**  
8282 SHERBROOKE STREET  
VANCOUVER, B.C., CANADA V5X 4E8  
TELEPHONE (604) 327-3436  
FAX (604) 327-3423

**SMITHERS LAB:**  
3176 TATLOW ROAD  
SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

6S-0265-RA4

Company: **COLUMBIA GOLD**  
Project: **WINDY**  
Attn: **WAYNE ROBERTS**

Date: NOV-13-96

We hereby certify the following Assay of 30 SLUDGE samples submitted NOV-05-96 by U. Mowat.

Sample Number	Au-fire g/tonne
65454	.02
65455	.17
65456	.03
65457	.04
65458	.03
65459	.01
65460	.01
65461	.01
65462	.01
65463	.01
65464	.01
65465	.02
65466	.02
65467	.01
65468	.01
65469	.01
65470	.02
65471	.01
65472	.03
65473	.02
65474	.05
65475	.03
65476	.20
65477	.01

96-3



96-4



96-5



Certified by \_\_\_\_\_ 

MIN-EN LABORATORIES





**MINERAL ENVIRONMENTS LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

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**SMITHERS LAB:**  
3176 TATLOW ROAD  
SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

6S-0265-RA5

Company: **COLUMBIA GOLD**  
Project: **WINDY**  
Attn: **WAYNE ROBERTS**

Date: NOV-13-96

We hereby certify the following Assay of 14 SLUDGE samples submitted NOV-05-96 by U. Mowat.

Sample Number	Au-fire g/tonne	
65478	.03	96-5 ↓
65479	.05	
65480	.03	
65481	.05	
65482	.02	
65483	.03	96-6 ↓
65484	.04	
65486	.01	
65487	.01	
65488	.02	
65489	.01	
65490	.02	
65491	.01	

Certified by \_\_\_\_\_ 

MIN-EN LABORATORIES





# MINERAL ENVIRONMENTS LABORATORIES

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**VANCOUVER OFFICE:**  
8282 SHERBROOKE STREET  
VANCOUVER, B.C., CANADA V5X 4E8  
TELEPHONE (604) 327-3436  
FAX (604) 327-3423

**SMITHERS LAB:**  
3176 TATLOW ROAD  
SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

## Assay Certificate

6S-0265-RA2

Company: **COLUMBIA GOLD**  
Project: **WINDY**  
Ann: **WAYNE ROBERTS**

Date: NOV-13-96

We hereby certify the following Assay of 30 CORE samples submitted NOV-05-96 by U. Mowat.

Sample Number	Au-fire g/tonne	
65666	.02	96-8 ↓
65667	.02	
65668	.03	
65669	.03	
65670	.02	
65671	.01	
65672	.03	
65673	.04	
65674	.06	
65675	.04	
65676	.01	
65677	.07	
65678	.04	
65679	.07	
65680	.01	
65681	.04	
65682	.01	
65683	.02	
65684	.05	
65685	.24	
65686	.01	
65687	.02	
65688	.01	
65689	.01	

Certified by \_\_\_\_\_ 

MIN-EN LABORATORIES



**MINERAL ENVIRONMENTS LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS  
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**VANCOUVER OFFICE:**  
8282 SHERBROOKE STREET  
VANCOUVER, B.C., CANADA V5X 4E8  
TELEPHONE (604) 327-3436  
FAX (604) 327-3423

**SMITHERS LAB:**  
3176 TATLOW ROAD  
SMITHERS, B.C., CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

6S-0265-RA3

Company: **COLUMBIA GOLD**  
Project: **WINDY**  
Att: **WAYNE ROBERTS**

Date: NOV-13-96

We hereby certify the following Assay of 30 CORE samples submitted NOV-05-96 by U. Mowat.

Sample Number	Au-fire g/tonne	
65690	.01	96-8 ↓
65691	.03	
65692	.02	
65693	.02	
65694	.03	
65695	.02	
65696	.04	
65697	.02	
65698	.03	
65699	.04	
65700	.03	
65701	.02	
65702	.01	
65703	.03	
65704	.05	
65705	.03	
65706	.02	
65707	.02	
65708	.06	
65709	.33	
65710	.02	
65711	.09	
65712	.03	
65713	.05	

Certified by \_\_\_\_\_

MIN-EN LABORATORIES

COMP: COLUMBIA GOLD  
 PROJ: WINDY  
 ATTN: WAYNE ROBERTS

MIN-EN LABS — ICP REPORT  
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8  
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0265-RJ3+4  
 DATE: 96/11/13  
 \* \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TN PPM	TI %	U PPM	V PPM	W PPM	ZN PPM
65690	.7	.62	35	74	.1	1	4.54	.1	10	27	169	2.26	1	.30	3	1.34	659	8	.02	26	1180	1	1	4	357	1	.01	1	15.1	1	20
65691	.7	.57	239	126	.1	1	4.04	.1	11	44	299	2.32	1	.40	3	1.21	549	10	.03	25	1150	1	1	4	378	1	.01	1	12.4	1	14
65692	.7	.75	98	106	.1	1	3.36	.1	12	34	184	2.72	1	.54	5	1.51	632	9	.03	30	1170	1	1	5	366	1	.04	1	21.9	1	22
65693	.5	.58	58	95	.1	1	3.60	.1	14	53	244	3.00	1	.34	4	1.42	715	10	.04	30	1140	1	1	5	322	1	.01	1	19.9	1	17
65694	.7	.55	62	76	.1	1	3.50	.1	12	37	255	2.97	1	.32	4	1.53	774	9	.03	30	1130	1	1	5	391	1	.01	1	23.1	1	22
65695	.7	.53	89	81	.1	1	3.52	.1	13	40	376	2.88	1	.39	4	1.62	757	8	.03	26	1120	1	1	5	350	1	.02	1	31.7	1	21
65696	1.0	1.22	66	188	.1	3	3.36	.1	15	45	364	3.05	1	1.04	11	1.61	729	10	.03	31	1130	1	1	5	234	1	.10	1	58.0	1	26
65697	.6	1.11	1	79	.1	1	1.69	.1	12	72	265	2.60	1	.41	8	1.12	440	11	.05	26	1200	1	1	4	101	1	.07	1	59.6	1	21
65698	.7	1.18	29	175	.1	3	1.61	.1	11	60	299	2.31	1	.84	10	1.13	425	8	.04	26	1210	1	1	4	100	1	.08	1	44.9	1	21
65699	.9	1.36	46	183	.1	2	2.95	.1	15	71	145	2.70	1	1.09	10	1.30	704	9	.04	28	1280	1	1	5	257	1	.10	1	50.6	1	33
65700	.8	1.11	46	140	.1	3	2.39	.1	13	59	124	2.09	1	.46	7	1.06	613	8	.05	25	1180	1	1	4	233	1	.09	1	51.1	1	32
65701	.9	1.98	70	233	.1	1	1.69	.1	24	49	127	3.08	1	1.42	14	2.02	802	11	.03	27	1530	1	1	5	110	1	.13	1	69.3	1	58
65702	1.0	2.33	58	333	.1	1	1.70	.1	27	45	122	3.62	1	1.83	16	2.35	844	13	.03	29	1560	1	1	6	107	1	.16	1	87.0	1	65
65703	.7	1.06	28	124	.1	2	1.74	.1	12	71	132	2.21	1	.58	7	.99	446	8	.05	24	1140	1	1	4	129	1	.09	1	50.3	1	32
65704	1.0	1.33	98	124	.1	6	1.97	.1	14	61	297	2.33	1	.73	9	1.24	584	9	.05	29	1230	1	1	4	156	1	.11	1	58.0	1	39
65705	.5	.54	41	120	.1	1	3.54	.1	12	54	98	2.48	1	.40	3	1.33	772	8	.04	26	1120	1	1	4	422	1	.02	1	23.3	1	23
65706	.6	.56	34	99	.1	1	3.36	.1	13	29	62	2.52	1	.42	3	1.37	757	9	.03	25	1120	1	1	5	415	1	.03	1	18.5	1	23
65707	.5	.61	28	138	.1	1	3.57	.1	13	63	125	2.56	1	.36	3	1.31	790	9	.05	28	1120	1	1	4	510	1	.01	1	16.8	1	31
65708	.8	.92	73	124	.1	1	3.30	.1	13	43	252	2.77	1	.70	4	1.46	774	9	.03	30	1120	1	1	4	427	1	.06	1	46.2	1	29
65709	1.0	1.35	49	237	.1	3	2.13	.1	14	60	208	2.67	1	.92	11	1.29	668	10	.04	28	1130	285	1	4	132	1	.09	1	58.4	1	331
65710	.6	.75	76	322	.1	1	3.48	.1	12	76	84	2.65	1	.46	4	1.38	872	9	.05	29	1130	1	1	5	455	1	.02	1	19.5	1	40
65711	.9	1.40	45	189	.1	4	1.84	.1	16	93	423	2.97	1	1.01	10	1.22	563	10	.05	28	1140	1	1	5	140	1	.10	1	55.1	2	49
65712	.9	1.14	66	146	.1	1	3.65	.1	14	55	109	2.64	1	.93	8	1.37	815	13	.04	29	1110	1	1	4	403	1	.10	1	43.2	1	38
65713	.7	.87	53	161	.1	1	3.35	.1	13	97	128	2.55	1	.60	5	1.38	830	11	.05	29	1170	1	1	4	394	1	.04	1	26.5	1	29
65454	.4	1.29	1	81	.1	1	1.36	.1	12	78	72	2.45	1	.75	9	.98	498	8	.05	25	1030	1	1	4	43	1	.10	1	62.2	2	35
65455	.1	1.29	1	167	.1	1	.98	.1	17	59	70	3.23	1	.28	8	.95	811	10	.04	42	1420	2	1	5	61	1	.04	1	46.3	1	63
65456	.3	1.62	1	125	.1	1	.91	.1	15	85	109	3.23	1	.24	10	1.00	682	10	.04	29	1180	1	4	5	80	1	.09	1	72.8	2	50
65457	.2	1.71	1	145	.1	1	1.04	.1	16	87	108	3.48	1	.28	9	1.02	738	11	.06	31	1250	1	4	5	101	1	.09	1	80.0	4	52
65458	.4	1.38	19	112	.1	1	1.47	.1	13	92	78	2.99	1	.23	8	.94	561	9	.04	29	1240	1	2	4	98	1	.08	1	69.3	4	42
65459	.4	1.45	25	119	.1	1	1.95	.1	14	57	116	3.00	1	.23	10	1.15	590	10	.04	29	1170	1	1	5	103	1	.08	1	71.3	1	44
65460	.4	1.60	49	124	.1	1	1.97	.1	15	80	112	3.18	1	.25	11	1.33	620	11	.04	36	1200	1	1	5	111	1	.08	1	71.5	1	43
65461	.5	1.43	7	116	.1	1	2.61	.1	15	59	100	3.04	1	.24	9	1.19	552	9	.04	30	1130	1	1	5	139	1	.07	1	66.4	1	39
65462	3.8	1.86	1	164	.1	1	1.38	.1	18	88	106	3.55	1	.14	12	1.27	753	13	.06	45	1090	1	4	5	86	1	.11	1	94.1	8	72
65463	.7	1.87	1	144	.1	1	1.41	.1	17	68	68	3.53	1	.15	13	1.32	725	11	.06	39	1090	1	3	5	89	1	.10	1	94.1	3	58
65464	.4	1.74	1	132	.1	1	1.22	.1	16	67	63	3.45	1	.13	12	1.23	744	11	.04	38	1090	1	3	5	78	1	.09	1	88.4	1	55
65465	.5	1.85	16	124	.1	1	1.28	.1	16	70	63	3.57	1	.15	13	1.33	663	11	.06	38	1160	1	2	5	87	1	.11	1	95.3	1	53
65466	.5	1.77	11	124	.1	1	1.41	.1	15	79	59	3.41	1	.14	12	1.32	623	11	.05	37	1140	1	1	5	86	1	.11	1	91.2	1	51
65467	.5	1.81	1	125	.1	1	1.45	.1	16	66	64	3.52	1	.14	12	1.32	644	11	.06	36	1120	1	2	5	91	1	.12	1	94.2	1	49
65468	.5	1.12	1	78	.1	1	1.72	.1	11	92	34	2.60	1	.10	7	.79	449	8	.04	26	880	1	2	4	80	1	.09	1	74.3	3	37
65469	.9	1.67	5	127	.1	1	1.57	.1	16	79	60	3.38	1	.14	11	1.16	663	12	.06	38	1050	1	3	5	91	1	.11	1	90.8	2	56
65470	.7	1.62	1	129	.1	1	1.55	.1	15	101	62	3.58	1	.14	11	1.11	666	13	.06	37	1050	1	3	5	89	1	.11	1	89.1	5	92
65471	.8	1.69	1	169	.1	1	2.12	.1	16	66	74	4.56	1	.14	13	1.22	789	21	.06	48	1080	1	3	7	92	1	.13	1	96.4	6	161
65472	.7	1.74	1	153	.1	1	1.83	.1	16	71	69	4.56	1	.13	13	1.25	772	29	.06	102	1070	1	4	7	87	1	.11	1	90.2	14	94
65473	.4	1.67	1	162	.1	1	1.78	.1	17	72	74	6.04	1	.14	11	1.17	997	25	.05	71	980	1	4	9	84	1	.10	1	80.4	8	126
65474	.2	1.66	1	215	.1	1	2.06	.1	18	72	81	6.97	1	.15	12	1.24	1159	30	.05	61	1000	1	6	10	93	1	.10	1	76.9	1	236
65475	.1	2.34	1	249	.1	1	2.21	.1	24	155	105	10.99	1	.29	15	1.48	1726	29	.09	79	900	1	12	15	109	1	.11	1	90.2	1	163
65476	.1	1.89	1	376	.1	1	1.95	.1	24	185	100	11.80	1	.26	12	1.16	1621	31	.10	96	880	1	12	16	111	1	.11	1	88.2	6	175
65477	.2	1.38	1	203	.1	1	1.82	.1	17	59	74	5.29	1	.13	10	1.06	926	17	.04	55	1080	1	3	8	94	1	.09	1	69.2	7	124

NOV-14-1996 16:23  
 MIN-EN LABS  
 604 327 3423  
 P.08

COMP: COLUMBIA GOLD  
 PROJ: WINDY  
 ATTN: WAYNE ROBERTS

MIN-EN LABS — ICP REPORT  
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8  
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0265-RJ5  
 DATE: 96/11/13  
 \* \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SH PPM	SR PPM	TH PPM	Tl %	U PPM	V PPM	W PPM	ZN PPM
65478	.3	1.62	1	130	.1	1	1.42	.1	20	77	102	5.49	1	.18	14	1.27	916	21	.03	57	1130	1	1	9	78	1	.08	1	71.6	1	66
65479	.3	1.64	1	153	.1	1	1.81	.1	21	137	101	6.72	1	.23	11	1.22	1024	25	.05	79	1110	1	1	10	105	1	.09	1	73.6	6	131
65480	.5	1.64	1	137	.1	1	1.74	.1	20	87	90	5.63	1	.17	12	1.24	885	24	.04	69	1070	1	1	9	98	1	.11	1	78.6	3	77
65481	.2	1.96	1	185	.1	1	1.85	.1	27	179	117	10.71	1	.28	12	1.25	1440	37	.09	101	990	1	6	15	119	1	.12	1	87.2	4	220
65482	.1	1.78	1	137	.1	1	1.96	.1	28	113	117	10.56	1	.23	12	1.33	1430	31	.06	95	950	1	4	15	108	1	.11	1	76.1	1	161
65483	.1	1.83	1	236	.1	1	1.71	.1	31	203	125	15.00	1	.28	11	1.09	2072	45	.09	108	770	1	4	22	105	1	.11	1	78.6	1	419
65484	.1	1.88	1	178	.1	1	1.31	.1	27	108	105	11.11	1	.22	13	1.30	1558	29	.05	79	940	1	4	16	85	1	.09	1	75.6	1	79
65485	.6	1.94	1	183	.1	1	1.24	.1	19	78	210	4.15	1	.15	14	1.24	723	18	.07	54	1070	1	1	6	74	1	.12	1	93.3	13	135
65487	.6	1.38	1	127	.1	1	1.51	.1	13	52	50	2.82	1	.10	10	.99	585	10	.04	34	1040	1	1	5	79	1	.09	1	72.9	1	56
65488	.7	1.62	1	136	.1	1	1.62	.1	14	83	50	3.06	1	.15	11	1.10	613	12	.06	32	1070	1	1	5	96	1	.11	1	82.8	2	53
65489	.7	1.60	1	120	.1	1	1.64	.1	14	67	51	3.21	1	.15	11	1.08	612	14	.06	47	1040	1	1	5	106	1	.11	1	86.0	1	48
65490	.5	1.62	1	113	.1	1	1.27	.1	14	101	50	3.20	1	.16	11	1.10	557	12	.07	34	1000	1	1	5	87	1	.10	1	84.5	3	44
65491	.6	1.72	1	120	.1	1	1.36	.1	15	61	59	3.43	1	.16	12	1.20	588	17	.06	72	1090	1	1	6	80	1	.11	1	89.1	10	41

TOTAL P.09

NOV-14-1996 16:24

MIN-EN LABS

604 327 3423 P.09

COMP: COLUMBIA GOLD  
 PROJ: WINDY  
 ATTN: WAYNE ROBERTS

MIN-EN LABS — ICP REPORT  
 B282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8  
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 6S-0265-RJ1+2  
 DATE: 96/11/13  
 \* \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM
65492	.5	1.41	1	203	.1	1	2.48	.1	10	36	214	2.39	1	1.10	11	1.19	393	9	.03	19	1040	1	1	4	117	1	.09	1	41.6	1	19
65493	.5	1.28	13	410	.1	1	2.86	.1	10	45	169	2.22	1	.92	9	1.15	353	8	.03	20	1050	1	1	4	134	1	.06	1	36.0	1	18
65494	.7	1.33	86	119	.1	1	3.25	.1	12	44	212	2.36	1	.99	11	1.27	439	10	.04	21	1090	1	1	4	126	1	.08	1	47.9	1	30
65495	.6	1.50	17	157	.1	2	2.35	.1	12	56	269	2.81	1	1.14	13	1.25	494	10	.05	23	1060	1	2	5	102	1	.10	1	42.3	1	45
65496	.6	1.52	50	191	.1	3	2.54	.1	11	38	339	2.52	1	1.17	11	1.35	515	9	.04	22	1110	1	1	4	163	1	.10	1	46.4	1	40
65497	.5	1.60	18	167	.1	1	2.16	.1	12	55	87	2.86	1	1.11	13	1.44	461	9	.03	27	1100	1	1	5	218	1	.11	1	45.0	1	76
65498	.6	1.74	56	103	.1	1	2.94	.1	11	53	412	2.53	1	.66	9	1.42	598	8	.03	23	1090	1	1	5	278	1	.05	1	34.2	1	59
65499	1.1	1.49	3	98	.1	6	3.81	.1	13	44	875	3.03	1	.61	13	1.40	646	9	.03	24	1010	1	1	5	319	1	.04	1	44.7	1	67
65500	.9	1.03	1	109	.1	8	3.24	.1	12	36	708	2.48	1	.73	8	1.07	527	8	.03	18	1050	1	1	4	254	1	.08	1	36.3	1	37
65651	1.1	.70	1	104	.1	13	3.43	.1	11	40	1219	2.48	1	.47	5	1.06	510	7	.04	19	1010	1	1	4	264	1	.04	1	24.5	1	42
65652	1.5	.88	26	205	.1	8	3.75	.1	14	53	975	3.17	1	.56	6	1.47	605	9	.03	29	1130	1	1	5	293	1	.04	1	29.6	1	58
65653	1.0	1.23	66	114	.1	3	3.66	.1	16	75	708	3.38	1	.75	9	1.84	639	10	.03	43	1200	1	1	6	262	1	.06	1	38.8	1	69
65654	.8	.77	25	107	.1	1	7.64	.1	10	34	204	2.32	1	.49	4	.96	797	8	.02	21	1020	17	1	4	496	1	.03	1	20.9	1	67
65655	1.0	.78	25	115	.1	8	3.57	.1	11	32	782	2.20	1	.52	5	1.06	624	8	.04	18	1060	1	1	4	250	1	.04	1	20.2	1	69
65656	1.0	1.36	54	130	.1	8	2.98	.1	12	37	612	2.49	1	.94	9	1.30	667	9	.04	20	1040	1	1	4	229	1	.08	1	36.5	1	78
65657	.6	1.14	80	58	.1	1	3.73	.1	9	59	325	1.75	1	.34	10	1.19	572	7	.07	23	980	1	1	3	231	1	.02	1	40.4	1	50
65658	.8	1.14	46	69	.1	3	5.84	.1	10	35	387	1.96	1	.48	10	1.16	881	8	.03	18	950	1	1	4	381	1	.04	1	36.5	1	43
65659	.6	3.27	38	129	.1	1	4.38	.1	26	76	146	5.20	1	1.24	20	3.49	1120	16	.03	36	1450	1	1	10	219	1	.12	1	149.7	1	83
65660	.5	1.50	74	134	.1	1	3.08	.1	11	52	86	2.55	1	.61	9	1.50	517	9	.03	27	1080	1	1	4	183	1	.05	1	49.7	1	34
65661	.7	2.35	1	249	.1	1	3.23	.1	21	15	155	4.67	1	1.79	10	2.09	1099	15	.04	21	2150	1	2	8	138	1	.16	1	87.4	1	73
65662	.7	2.10	1	224	.1	1	3.34	.1	21	16	141	4.65	1	1.70	17	1.94	1103	15	.03	21	2090	1	2	9	138	1	.15	1	92.5	1	64
65663	.8	2.62	50	195	.1	2	3.68	.1	20	93	599	3.87	1	1.65	21	2.67	906	12	.03	55	1370	1	1	8	180	1	.11	1	100.6	1	47
65664	.6	1.93	108	195	.1	1	3.20	.1	18	120	263	3.04	1	1.03	13	2.11	680	11	.03	55	1370	1	1	5	209	1	.08	1	78.1	1	33
65665	.1	.53	31	53	.1	1	1.65	.1	4	214	14	1.06	1	.23	3	.39	362	4	.03	14	290	1	1	2	149	1	.02	1	13.3	10	19
65666	.8	4.83	1	364	.1	1	4.76	.1	31	202	35	6.84	1	4.39	38	5.08	1214	19	.02	66	1480	1	1	12	314	1	.20	1	182.4	1	133
65667	.6	1.27	3	167	.1	1	4.88	.1	13	87	140	2.94	1	1.00	8	1.07	613	10	.04	24	1070	1	1	5	255	1	.06	1	57.8	1	23
65668	.7	.98	1	88	.1	2	3.30	.1	13	32	295	2.24	1	.89	9	.94	376	7	.03	19	1080	1	1	4	170	1	.06	1	37.1	1	31
65669	.9	1.30	25	178	.1	3	2.87	.1	15	57	341	2.79	1	1.03	12	1.14	395	10	.04	21	1060	1	2	5	155	1	.09	1	42.7	1	37
65670	.8	1.23	1	178	.1	2	2.91	.1	12	40	159	2.34	1	.99	12	1.06	438	8	.03	19	1090	1	1	4	144	1	.09	1	34.9	1	24
65671	.8	1.38	53	175	.1	1	2.92	.1	9	57	104	2.48	1	1.09	12	1.13	409	9	.04	20	1080	1	2	4	163	1	.10	1	38.5	1	27
65672	1.0	1.18	53	210	.1	1	3.98	.1	14	42	265	2.55	1	.80	8	1.23	507	9	.03	22	1050	1	1	5	294	1	.07	1	36.0	1	32
65673	.9	.86	4	305	.1	4	3.28	.1	13	49	601	2.55	1	.63	4	1.29	455	8	.05	22	1020	1	1	5	258	1	.04	1	29.6	1	31
65674	1.1	.65	113	277	.1	1	6.61	.1	9	55	434	1.90	1	.45	4	1.35	729	7	.02	22	560	1	1	4	580	1	.01	1	16.9	1	41
65675	1.2	1.09	112	123	.1	2	3.41	.1	17	43	560	2.65	1	.71	9	1.57	514	9	.03	28	1240	1	1	5	348	1	.05	1	38.4	1	53
65676	1.2	1.87	71	161	.1	1	4.56	.1	22	40	250	3.97	1	1.47	12	2.57	1085	12	.01	31	1470	1	1	8	564	1	.15	1	70.0	1	72
65677	.9	1.63	124	104	.1	1	4.51	.1	12	38	255	2.66	1	1.27	8	1.71	622	10	.03	21	1390	1	1	5	261	1	.08	1	74.0	1	29
65678	.9	1.55	90	106	.1	1	5.29	.1	14	35	113	2.81	1	1.25	12	1.55	711	10	.02	22	1410	1	1	5	293	1	.08	1	57.5	1	44
65679	1.2	1.41	95	110	.1	6	3.78	.1	16	57	661	2.63	1	1.09	11	1.46	508	14	.03	26	1310	1	1	5	133	1	.07	1	52.1	1	26
65680	.9	2.77	67	210	.1	1	2.00	.1	23	39	106	4.24	1	2.31	23	2.72	943	14	.03	28	2000	1	6	9	114	1	.16	1	85.3	1	71
65681	.8	1.33	78	124	.1	1	4.45	.1	14	73	149	2.50	1	1.00	10	1.19	634	10	.05	33	1180	1	2	5	124	1	.08	1	50.6	1	25
65682	1.0	2.70	101	228	.1	1	1.93	.1	26	54	145	3.98	1	2.24	21	2.85	893	13	.02	33	1650	1	2	8	116	1	.17	1	93.1	1	64
65683	.9	1.40	100	83	.1	3	3.96	.1	13	67	351	2.70	1	.80	12	1.40	620	11	.04	30	1200	1	1	5	109	1	.08	1	71.5	1	27
65684	1.0	2.30	79	157	.1	2	1.34	.1	21	42	217	3.94	1	1.89	21	2.21	931	16	.03	28	1700	1	2	8	94	1	.16	1	79.5	1	72
65685	1.0	1.47	98	113	.1	4	3.45	.1	65	70	466	3.37	1	1.17	12	1.26	688	12	.04	32	1190	1	3	6	98	1	.10	1	50.0	1	31
65686	1.0	2.60	91	178	.1	2	3.58	.1	25	56	133	4.32	1	2.19	24	2.64	1177	15	.03	29	1670	1	3	9	133	1	.15	1	104.3	1	67
65687	.9	1.34	33	180	.1	3	4.45	.1	14	61	169	2.60	1	1.06	11	1.11	661	9	.03	30	1290	1	2	4	227	1	.10	1	41.8	1	29
65688	1.0	1.59	1	159	.1	2	3.31	.1	19	17	137	3.87	1	1.33	10	1.19	609	11	.02	19	2290	1	4	6	193	1	.16	1	57.3	1	50
65689	1.0	1.48	48	142	.1	3	4.07	.1	15	69	315	2.80	1	.99	8	1.40	669	10	.03	30	1390	1	1	5	277	1	.09	1	47.5	1	34

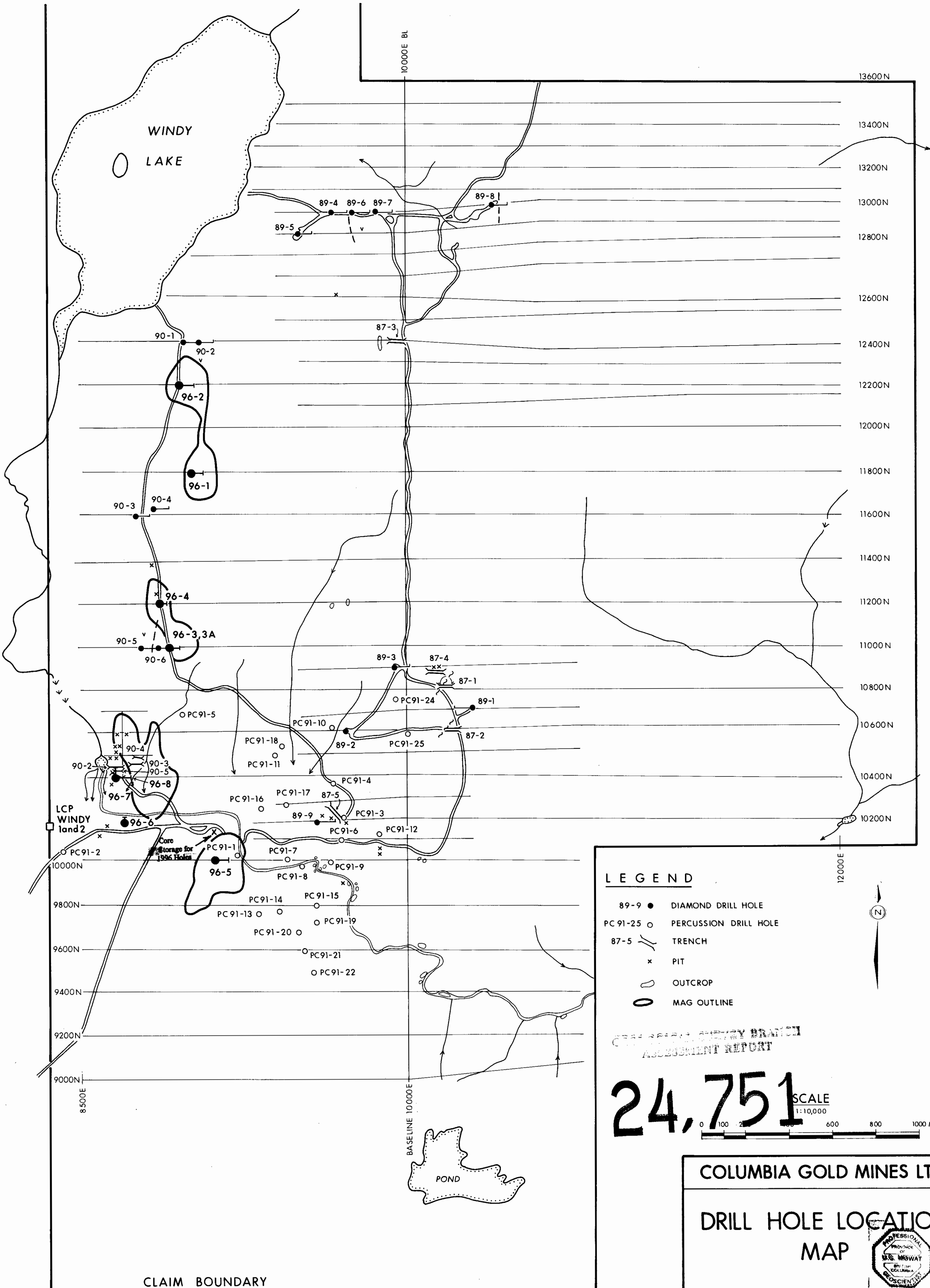
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MIN-EN LABS

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**LEGEND**

- 89-9 ● DIAMOND DRILL HOLE
- PC 91-25 ○ PERCUSSION DRILL HOLE
- 87-5 ≡ TRENCH
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MAP**

