ASSESSMENT REPORT ON EXPLORATION

ON THE GOLD STAR #1 CLAIM

NTS 82L/4E

LATITUDE 50° 14' North

LONGITUDE 119° 41' West

VERNON MINING DIVISION

FOR

BRICAN RESOURCES LTD.

BY

F. L. WYNNE, P.ENG.

DISCOVERY CONSULTANTS

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ARIS SUMMARY SHEET

District Geologist, Kamloops Off Confidential: 90.08.22

ASSESSMENT REPORT 19797 MINING DIVISION: Vernon

PROPERTY: Gold Star
LOCATION: LAT 50 14 00 LONG 119 41 00
UTM 11 5567801 308632
NTS 082L04E
CLAIM(S): Gold Star #1
OPERATOR(S): Brican Res.
AUTHOR(S): Wynne, F.L.
REPORT YEAR: 1990, 123 Pages
COMMODITIES
SEARCHED FOR: Gold
KEYWORDS: Eocene,Andesites,Tuffs,Lahars,Monzonites
WORK
DONE: Drilling,Geochemical
DIAD 695.3 m 3 hole(s);BQ
ROTD 1785.0 m 15 hole(s)
Map(s) - 1; Scale(s) - 1:2500
SAMP 1264 sample(s) ;ME
RELATED
REPORTS: 12854,15394

CONTENTS

ILLUSTRATIONS

SUMMARY AND CONCLUSIONS

The Gold Star property is a Tertiary epithermal shear/vein type gold prospect cutting altered Eocene acid to intermediate volcanics. It adjoins and is geologically similar to the Brett property of Corona/Huntington which has been much in the news in recent years.

The property is located along the Whiteman Creek Main logging road some 20 km west of Okanagan Lake near Vernon, B.C., and is easily accessible by this road. The claims lie on the south facing slopes above Whiteman Creek between 1040 and 1550 metres (3400 to 5100 feet) above sea level, and are drained by Whiteman Creek. Overburden cover ranging from near zero to over 30 metres is widespread in the area.

The property consists of one modified grid claim of 20 units, held by Brican Resources Ltd. under option from Mr. Murray S. Morrison of Kelowna, B.C. The property adjoins the Corona/ Huntington Brett claims on the west.

Gold mineralization in the area has been known at least since 1898. Several unsuccessful attempts were made to mine placer gold on Whiteman Creek between 1915 and 1954. Alf Brewer of Vernon discovered gold on what is now the Brett property in 1939.

From the 1960's to the present, various companies, including Noranda, Cominco, Canadian Occidental Petroleum, Kennco, Amax and others, have conducted extensive exploration programmes in the Whiteman Creek area for molybdenum, copper, uranium and gold (see REFERENCES). There is no record of any substantial previous exploration on the ground now covered by the GOLD STAR #1 claim.

The region in which the property lies is part of the Terrace Mountain Tertiary outlier which is characterised by Eocene intermediate to acid volcanics overlying Triassic, granitic intrusions of the Okanagan Batholith. Miocene plateau lavas occur in remnants on the ridge crests.

The property is underlain by a thick pile of Eocene volcanic rocks comprised mainly of dark green andesite, porphyritic andesite lahar and buff interflow tuff. Generally the volcanics are fresh and blocky jointed to platy weathering.

Zones of pervasive clay alteration and silicification outcrop in two areas of the property and numerous other zones of similar type alteration were exposed by trenching and road building. Argillization of feldspars, bleaching, iron staining and brecciation are most common in these zones. Locally pervasive silicification, brecciation and pyritization has altered the volcanic rocks to light brown jasperoid. At least three stages of pyrite mineralization have been identified in jasperoid breccia.

The alteration zones are most commonly localized along northwest striking, west dipping and north-northeast striking, east dipping fault zones. In areas where these structures intersect tuff and brecciated andesite units, alteration appears to extend laterally away from the structures and into these more permeable formations.

The Gold Star claim was staked by Murray S. Morrison in September, 1983 and recorded on September 8, 1983. The property was subsequently optioned to Brican Resources Ltd. who carried out a reconnaissance geochemical survey in 1984 and an extensive soil survey in 1986. Five areas of anomalous gold values were identified in these surveys. Seven diamond drill holes totalling 721.5 m were drilled in 1987. An IP survey in 1988 was followed by the 15 reverse circulation drill holes totalling 1785 m and 3 diamond drill holes totalling 695.3 m that are the subject of this report.

The results of this drilling generally showed very strongly altered rocks which look geologically very favorable for the kind of gold mineralization that occurs at the adjacent Brett property. However, only scattered, low grade gold intersections were made, the best of which is 3.0 metres grading 2150 ppb gold in DDH 165-8. This intersection also carried 16 ppm silver and 367 ppm arsenic.

Although the property still seems to have good potential, It is concluded that the current drill program has failed to encounter attractive gold mineralization.

RECOMMENDATIONS

The property appears to warrant further work because of its attractive geological setting for gold. This work should comprise soil sampling for gold to the west of the area investigated to date, followed possibly by IP and then by drilling.

INTRODUCTION

The GOLD STAR property is a Tertiary gold prospect owned by Brican Resources Ltd. and located in the Whiteman Creek area west of Okanagan Lake near Vernon, B.C. It adjoins the Brett property which is under joint investigation by Corona Corporation and Huntington Resources.

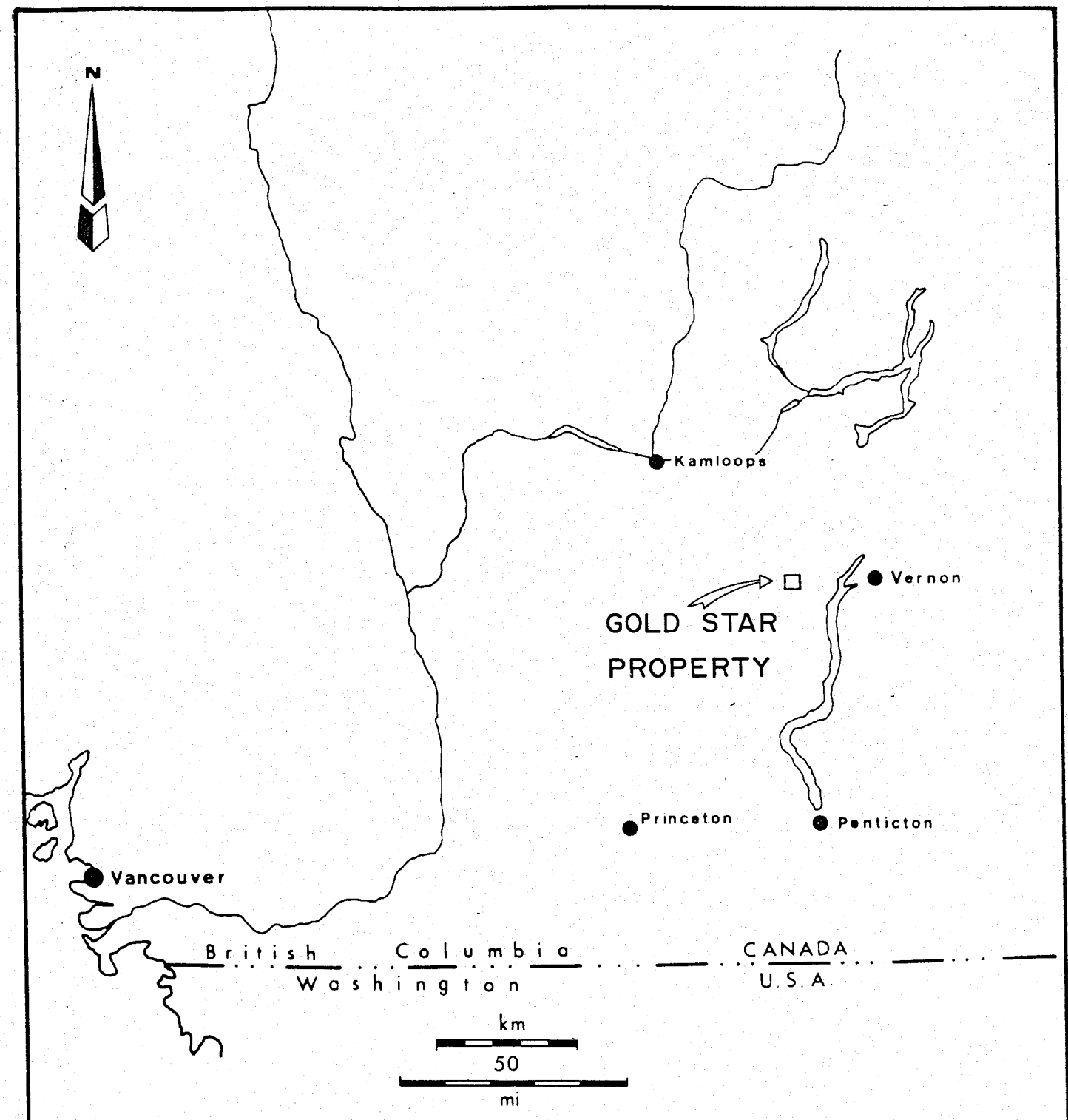
Discovery Consultants of Vernon, B.C. have been conducting an exploration program on the GOLD STAR property for Brican Resources since 1984.

LOCATION AND ACCESS

The GOLD STAR property is at the head of the canyon on Whiteman Creek, a major eastward-flowing tributary of Okanagan Lake in the Vernon area of south-central British Columbia (Figure 1). The GOLD STAR claim is located mainly on the north side of the creek at the point where five tributaries join to form the main creek. Hudson Bay Creek joins Whiteman Creek near the southwest corner of the claim. The Legal Corner Post is on the south side of Whiteman Creek, 20 metres north of Whiteman Main logging road at an elevation of 1040 m (3400 ft), and 1300 m west of the third (upper) bridge.

The centre of the claim is at latitude 50°14' north and 119°41' west. The UTM references are from 30780 to 30970 east and from 556700 to 556940 north.

Access to the property is gained by driving south from the junction with Highway 97 to 19 km on the Westside Road, to the junction of the Whiteman Creek road, thence west for 20 km on this logging road to the third bridge over Whiteman Creek. At this point an old logging road follows the north side of the creek for 1.5 km to the east boundary of the claim. The nearest major centre is Vernon, 29 km east of the GOLD STAR property.



DISCOVERY Consultants	BRICAN RESOURCES LTD
GOLD STAR PROPERTY	*LOCATION MAP*

DATE: MAR.14/1990	PROJECT: 165	SCALE: as shown	N.T.S.: 82-L/4	M.D.: VERNON	FIGURE: 1

PHYSIOGRAPHY AND CLIMATE

The property is on the steep south-facing wall of Whiteman Creek canyon. Elevations vary from 1040 metres (3400 ft) above sea level at the Legal Corner Post (SE corner) to 1550 m a.s.l. (5100 ft) at the northeast corner. The canyon walls are steep below 1400 m a.s.l. (4600 ft) but slopes are more gentle above this elevation.

The climate is typical of moderate elevations in the southern B.C. interior with mild winters and warm summers. Snow cover normally persists from November to April on the lower part of the property.

PROPERTY AND OWNERSHIP

The property consists of a single 20-unit claim, the GOLD STAR #1, Record Number 1593 in the Vernon Mining Division. The claim was staked by Murray S. Morrison on September 1-3, 1983 and recorded on September 8, 1983.

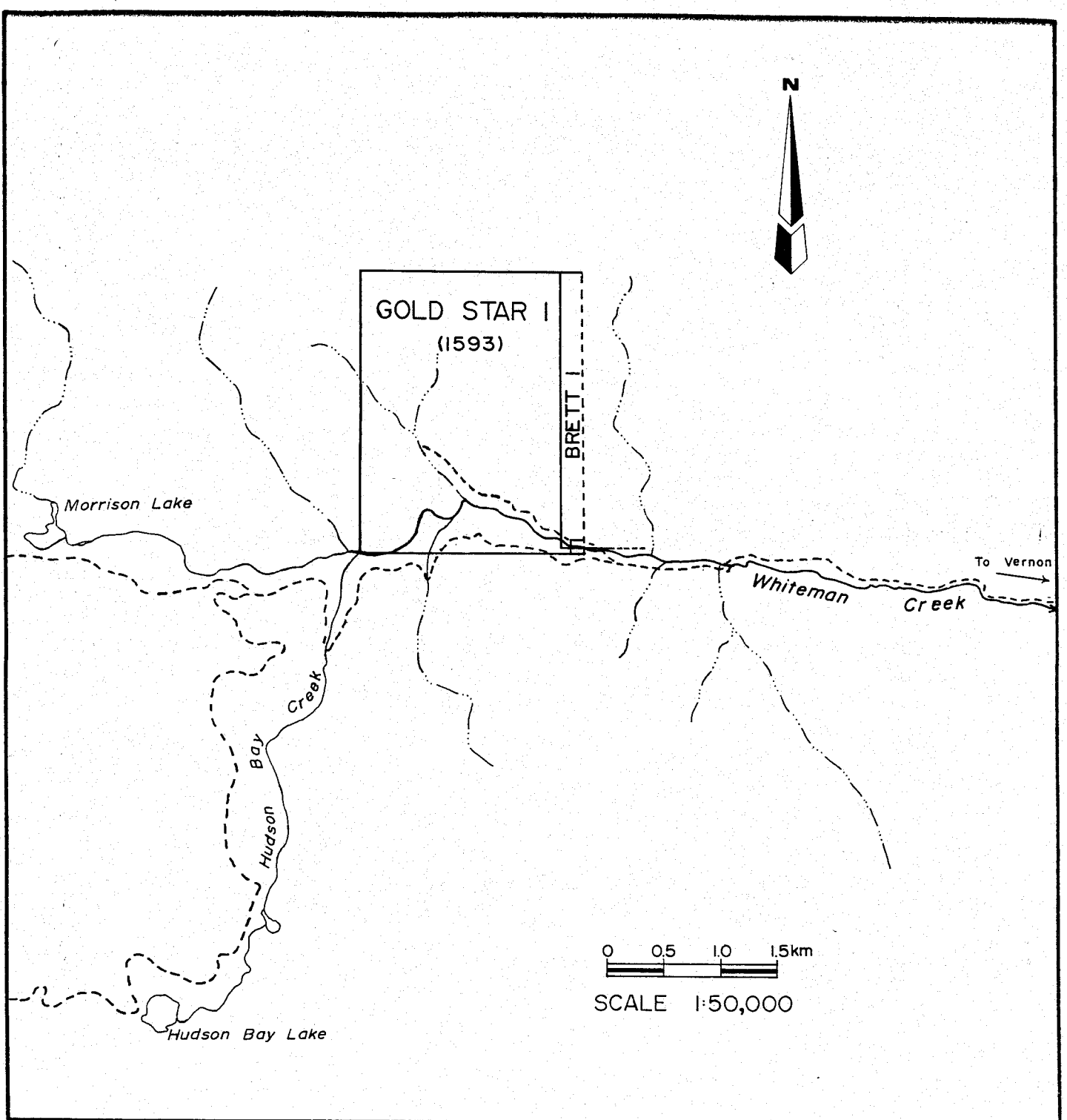
Brican Resources Ltd. holds an option to purchase the claim, and this company is the owner of the record at the time of writing of this report.

HISTORY AND PREVIOUS WORK

The earliest record of mining activity in the Whiteman Creek area is in 1898, when the Annual Report of the Minister of Mines refers to exploration on the KLONDYKE gold showings 3 miles west of Okanagan Lake on "White Man's Creek". Several unsuccessful attempts were made to mine placer gold on the creek between 1915 and 1954. The only recorded production was in the late 1930's and when 3 ounces were reported.

Alf Brewer of Vernon discovered in 1939 on what is now the BRETT property, immediately east of the GOLD STAR property. This property is now held by Huntington Resources Ltd. who, in 1985 and 1986, carried out an extensive exploration programme of trenching and diamond drilling (Gruenwald, W., 1984, 1985, 1987; Belik, G.D., 1986).

From the 1960's to the present, various companies, including Noranda, Cominco, Canadian Occidental Petroleum, Kennco, Amax and others, have conducted extensive exploration programmes in the Whiteman Creek area for molybdenum, copper, uranium and gold (see REFERENCES).



DISCOVERY Consultants	BRICAN RESOURCES LTD
GOLD STAR PROPERTY	CLAIM MAP

DATE: MAR. 14/1990	PROJECT: 165	SCALE: 1:50,000	N.T.S.: 82-L/4	M.D.: VERNON	FIGURE: 2

In 1984, Brican Resources Ltd. carried out a reconnaissance geochemical survey on the GOLD STAR claim (K.L. Daughtry, 1984) that outlined two areas of anomalous gold values.

In 1986, Brican established an extensive grid on the property which was used for control for a soil survey. All soils were analysed for arsenic. Soils anomalous in arsenic were then analysed for gold (B.W. Kyba, 1986). Five areas of anomalous gold values were identified in this survey.

IN 1987, Brican drilled 7 diamond drill holes totalling 721.5 m. An IP survey in 1988 was followed by the 15 reverse circulation drill holes totalling 1785m and 3 diamond drill holes totalling 695.3 m that are the subject of this report.

REGIONAL GEOLOGY

The regional geology of the Whiteman Creek area is shown on Preliminary Map 36 by B.N. Church, 1980 (see REFERENCES).

A Triassic granitic pluton (predominantly quartz monzonite) intrudes sedimentary and volcanic rocks of Paleozoic and Triassic age. This pluton is in turn intruded by an Eocene syenite to monzonite plug which is well exposed in the canyon east of the GOLD STAR property.

Most of the area surrounding Whiteman Creek is underlain by a thick sequence of Eocene andesite, dacite and rhyolite overlying a basal clastic sedimentary unit. Interflow tuff units are present in the volcanic sequence. The Eocene alkaline plus is thought to be the intrusive equivalent of lavas in the upper part of the sequence.

Miocene plateau lava flows are the youngest rocks in the area and occur in scattered remnants near ridge crests.

PROPERTY GEOLOGY

The GOLD STAR property is underlain by a thick pile of Eocene volcanic rocks (Figure 3).

Very limited rock exposures on the property show the volcanic pile to be composed of dark green aphanitic andesite, dark green, brown weathering feldspar porphyritic andesite, andesite and porphyritic andesite lahar and buff interflow tuff.

Generally, the volcanics are fresh and blocky jointed to platy weathering.

MINERALIZATION AND ALTERATION

Zones of pervasive clay alteration and silicification outcrop in two areas of the property. Numerous other zones of similar type alteration were exposed by trenching and road building. Argillization of feldspars, bleaching, iron staining and brecciation are most common in these zones. Locally pervasive silicification, brecciation and pyritization has altered the volcanic rocks to light brown jasperoid. At least three stages of pyrite mineralization have been identified in jasperoid breccia.

The alteration zones are most commonly localized along northwest striking, west dipping and north-northeast striking, east dipping fault zones. In areas where these structures intersect tuff and brecciated andesite units, alteration appears to extend laterally away from the structures and into these more permeable formations.

REVERSE CIRCULATION DRILLING

During September and October 1988 Brican drilled 15 reverse circulation rotary drill holes totalling 1785 m to test for gold bearing quartz vein/shear zones in areas of IP or gold soil anomalies. The location of the holes is shown on the 1:2,500 Drill Hole Location map (Figure 3), and the pertinent drill information is summarized below:

Drill Contractor: Northspan Drilling Ltd.
Kelowna, B.C.
Machine: Northspan
Hole Diameter: 4 inches

Hole No.	Line	Station	Dip	Azimuth	Length(m)
RC-88-1	11+00N	3+50W	-90°	-	100
RC-88-2	11+00N	4+00W	-90°	-	100
RC-88-3	11+00N	4+50W	-90°	-	100
RC-88-4	15+00N	1+60W	-90°	-	116
RC-88-5	15+00N	2+40W	-90°	-	128
RC-88-6	15+00N	3+40W	-90°	-	100
RC-88-7	16+00N	4+50W	-90°	-	100
RC-88-8	16+00N	4+50W	-55°	065°	152
RC-88-9	16+00N	7+50W	-90°	-	134
RC-88-10	16+00N	8+00W	-90°	-	145
RC-88-11	16+00N	8+50W	-90°	-	135
RC-88-12	16+00N	8+87W	-90°	-	150
RC-88-13	15+00N	8+00W	-90°	-	100
RC-88-14	12+00N	8+60W	-90°	-	120
RC-88-15	12+00N	8+25W	-90°	-	105
			TOTAL		1785 metres

All holes were collared on the GOLD STAR claim.

A split of the drill cuttings was collected in the field and sent to Bondar Clegg for analysis. At Bondar-Clegg the entire sample was crushed to -10 mesh, riffle split, and a 250 gram sub-sample pulverized to -150 mesh. Analytical procedure on the sub-sample was as follows.

ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD
Copper	1 ppm	HNO^3-HCL Hot Extr	Plasma
Lead	5 ppm	HNO^3-HCL Hot Extr	Plasma
Zinc	1 ppm	HNO^3-HCL Hot Extr	Plasma
Molybdenum	1 ppm	HNO^3-HCL Hot Extr	Plasma
Silver	0.5 ppm	HNO^3-HCL Hot Extr	Plasma
Cobalt	1 ppm	HNO^3-HCL Hot Extr	Plasma
Bismuth	2 ppm	HNO^3-HCL Hot Extr	Plasma
Arsenic	5 ppm	HNO^3-HCL Hot Extr	Plasma
Antimony	5 ppm	HNO^3-HCL Hot Extr	Plasma
Cadmium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Chromium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Iron	0.05 pct	HNO^3-HCL Hot Extr	Plasma
Manganese	1 ppm	HNO^3-HCL Hot Extr	Plasma
Nickel	1 ppm	HNO^3-HCL Hot Extr	Plasma
Vanadium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Gold-Fire Assay	5 ppb	FIRE-ASSAY	Fire Assay AA

All samples are stored at the Brican warehouse in Vernon, B.C.

Complete drill logs prepared by D.K. Robertson for each hole are attached to this report. Drill supervision, on behalf of Brican Resources Ltd., was performed by B. W. Kyba. Sampling was carried out by Bruce Ingleson and Jay Johnson.

The results of this drill program show strongly altered zones with scattered low grade gold intersections. The main drill intersections are summarized in the table below, while the detailed analytical results can be found on the drill logs.

The drill logs form Appendix A to this report.

GOLD STAR PROPERTY

SUMMARY TABLE OF SIGNIFICANT REVERSE CIRCULATION DRILL RESULTS

Hole No.	From(m)	To(m)	Length(m)	ppb Gold	ppm Arsenic
RC-88-2	10.7	15.2	4.5	150	194
RC-88-7	82.3	85.3	3.0	130	445
RC-88-11	82.3	83.8	1.5	212	280
	132.6	134.1	1.5	261	571
RC-88-12	134.1	149.4	15.3	380	1540
RC-88-14	70.1	76.1	6.0	106	339

DIAMOND DRILLING

During November 1988, a program of exploration diamond drilling totalling 695.3 metres in 3 holes was conducted on the GOLD STAR property. The location of the holes is shown on the 1:2,500 Drill Hole Location map, and the pertinent drill information is summarized below:

Drill Contractor: Tex Drilling Ltd.
Kamloops, B.C.
Machine: Longyear 38
Core Diameter: NQ

Hole No.	Line	Station	Dip	Azimuth	Length(m)
165-8	16+00N	10+12W	-45°	0610	203.0
165-9	16+20N	9+12W	-45°	0620	215.5
165-10	16+00N	1+50W	-85°	0600	276.8
				TOTAL	695.3 metres

All holes were collared on the GOLD STAR claim.

Diamond drill core was split at Brican's Vernon, B.C. warehouse and one half was sent to Bondar Clegg for analysis. At Bondar-Clegg the entire sample was crushed to -10 mesh, riffle split, and a 250 gram sub-sample pulverized to -150 mesh. Analytical procedure on the sub-sample was as follows.

ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD
Copper	1 ppm	HNO^3-HCL Hot Extr	Plasma
Lead	5 ppm	HNO^3-HCL Hot Extr	Plasma
Zinc	1 ppm	HNO^3-HCL Hot Extr	Plasma
Molybdenum	1 ppm	HNO^3-HCL Hot Extr	Plasma
Silver	0.5 ppm	HNO^3-HCL Hot Extr	Plasma
Cobalt	1 ppm	HNO^3-HCL Hot Extr	Plasma
Bismuth	2 ppm	HNO^3-HCL Hot Extr	Plasma
Arsenic	5 ppm	HNO^3-HCL Hot Extr	Plasma
Antimony	5 ppm	HNO^3-HCL Hot Extr	Plasma
Cadmium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Chromium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Iron	0.05 pct	HNO^3-HCL Hot Extr	Plasma
Manganese	1 ppm	HNO^3-HCL Hot Extr	Plasma
Nickel	1 ppm	HNO^3-HCL Hot Extr	Plasma
Vanadium	1 ppm	HNO^3-HCL Hot Extr	Plasma
Gold-Fire Assay	5 ppb	FIRE-ASSAY	Fire Assay AA

All core is stored at the Brican warehouse in Vernon, B.C.

Complete drill logs for each hole prepared by B.W. Kyba are attached to this report. Drill supervision, on behalf of Brican Resources Ltd., was performed by B.W. Kyba, and core splitting was carried out by Rob Patrick and John Beggs.

The results of this drill program generally show very strongly altered rocks with only scattered low grade gold intersections. High arsenic generally accompanies high gold. The main drill intersections are summarized in the table below, while the detailed analytical results can be found on the drill logs and sections.

The drill logs form Appendix B to this report.

GOLD STAR PROPERTY

SUMMARY TABLE OF SIGNIFICANT DIAMOND DRILL RESULTS

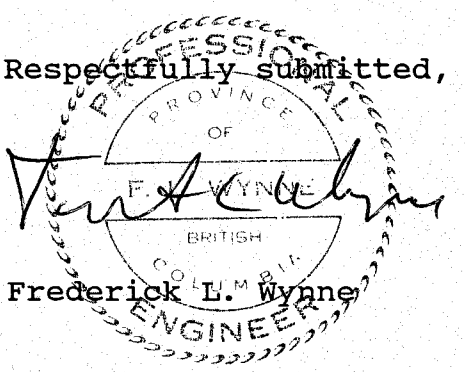
Hole No.	From(m)	To(m)	Length(m)	ppb Gold	ppm Arsenic
165-8	147.8	150.8	3.0	2150	367

STATEMENT OF COSTS

1.	Professional Services		
	Drill supervision & core logging		
	B. Kyba		
	19 days @ $400/day	$ 7600.00	
	D. Robertson		
	22.5 days @ 320/day	7200.00	
	Supervision & report writing		
	W.R. Gilmour		
	3.5 days @ $400/day	1400.00	
	K.L. Daughtry		
	1.5 days @ $450/day	675.00	
	F.L. Wynne		
	1 day @ $450/day	450.00	$ 17325.00
2.	Contractors		
	Drilling		
	Tex Drilling Ltd.	51802.00	
	Northspan Exploration Ltd.	53768.00	105570.00
3.	Personnel		
	Drill cutting collection		
	B. Ingleson Sept 9-30, Oct 1-4		
	21 days @ $160/day	3360.00	
	J. Johnson Sept 9-30, Oct 1-4		
	21 days @ $96/day	2016.00	
	Core splitting		
	R. Patrick Nov 15-24, Dec 1-2		
	16.5 days @ $216/day	3564.00	
	J. Beggs Nov 14-16, Nov 18,19		
	4.5 days @ 192/day	864.00	9804.00
4.	Expenditures & Disbursements		
	Field supplies	2568.00	
	Transport		
	80 days @ $40/day 3200.00		
	9600 km @ $.30/km 2880.00	6080.00	8648.00

5.	Analytical		
	1264 samples analysed for gold plus multielement ICP @ $16.10	20350.40	
	Sample preparation 1264 samples @ $3.75	4740.00	25090.40
		Total	$ 166437.40

Respectfully submitted,



Frederick L. Wynne

REFERENCES

Belik, G.D.	1986	Report on the Brett Claims, private report to Huntington Resources Inc.
Church, B.N.	1980	Revised Preliminary Map 37 British Columbia Ministry of Energy and Petroleum Resources
Daughtry, K.L.	1984	Assessment Report (Geochemical & Prospecting) on the Gold Star
Dawson, James M.	1983	Report on Brett Claims for Huntington Resources Inc.
Fipke, C.E.	1983	Report on Heavy Mineral Sampling on Brett Claims for Huntington Resources Inc.
Fraser, D.C.	1969	Geophysics, V.34 pp 958-967
Griffith, D.H. & King, R.F.	1981	Applied Geophysics for Geologist & Engineers
Gruenwald, W.	1984	Geological & Geochemical Report on the Brett Claims, Vernon M.D. B.C. for Huntington Resources Inc.
Gruenwald, W.	1985	Summary on the Brett Claims, private report to Huntington Resources Inc.
Gruenwald, W.	1987	Summary on the Brett claims, private report to Huntington Resources Inc.
Klein, J. & Lajoie, J.J.	1980	in practical Geophysics for the Exploration Geologist, Northwest Mining Association publication, p 239-293
Kyba, B.W.	1986	Geochemical Assessment Report on the Gold Star Mining Claims
Macdonald, Colin C.	1975	Geology and Geochemistry Report on Whit Claims for Canadian Occidental Petroleum Ltd. Assessment Report No. 5692

Mehner, D.T.	1981	Assessment Report on Soil and Rock Geochemistry Survey and Geological Mapping on Lock Claims
Osatenko, M.J.	1980	Assessment Report Geology and Soil Geochemistry on Loch Claims
Stevenson, R.W.	1978	Silt, Soil & Rock Geochemical Investigations on Whiteman No. 1 Group, Vernon Mining Division
Wilmont, A.D.	1983	Report on The Brett No 1 and 2 mineral claims for C. Brett
Woodcock, J.R.	1979	Geology, Geochemistry, Geophysics Report on Whiteman claims for Essex Minerals Company Assessment Report No. 7397

Appendix A

DISCOVERY CONSULTANTS

Drill Log

Co-ords: IP grid 16+20N/9+12.5W
Azimuth: 062 deg.
Dip: -45 deg.
Elevation:

Length: 215.5m
Section: 16N
Purpose: test IP anamaly below RC holes 9, 10 & 11

Drill type & size: longyear 38 NQ

Dip tests:

Hole No: DDH 165-9
Property: Gold Star

Location: central / Sunday Zone
Date St.: 2300 hr, Nov. 14, 1988
Date Fin: Nov. 19,1988.
Logged by: B.W. Kyba

Date Logged: Nov. 16, 1988.

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
0.0	9.4	overburden																					
9.4	20.7	light and dark grey intensely argillized	92894	9.4	12.4	3.0	50	<5	<0.5	28	3	<1	14	78	19	5.15	447	<1	26	11	<5	57	167
		white feldspar porphyritic intermediate	92895	12.4	15.4	3.0	40	<5	<0.5	239	<2	<1	34	26	23	4.83	56	1	53	32	8	20	24
		volcanic? shattered, fracture zone,	92896	15.4	18.4	3.0	90	<5	<0.5	184	3	<1	23	35	25	4.70	123	4	40	62	9	20	35
		original texture of rock gone, less than	92897	18.4	20.7	2.3	95	<5	<0.5	310	<2	<1	21	29	25	5.39	137	14	45	37	12	22	24
		1% disseminated pyrite, poor recovery.																					
		box 1 0 - 17.6m																					
		2 17.6 - 23.5																					
		FAULT contact at 85 deg. to core axis																					
20.7	32.7	light grey, fine to medium grained white	92898	20.7	23.7	3.0	100	<5	<0.5	266	<2	<1	20	55	20	4.30	429	5	41	23	9	32	58
		feldspar porphyritic intermediate	92899	23.7	26.7	3.0	100	<5	<0.5	129	4	<1	22	46	18	3.83	411	4	39	25	9	24	33
		volcanic, white feldspars broken to 1mm	92900	26.7	24.7	3.0	100	6	<0.5	237	<2	<1	28	42	26	3.94	368	11	59	29	16	19	27
		across and up to 3% of rock, generally																					
		competent core, minor limonite stained																					
		fractures at 20-30 deg. to core axis.																					

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		feldspar porphyry unit gradually becomes dark green over several meters from 29.8m.	92901	29.7	32.7	3.0	100	7	<0.5	23	<2	<1	14	105	14	4.03	978	3	28	14	6	63	190
		box 3 23.5 - 28.8m 4 28.8 - 34.0																					
		gradational contact over several cm to ...																					
32.7	37.2	"bleached" light tan, grey, buff white, intermediate volcanic, trace white feldspar pheno's, trace dark green chloritized mafics, generally massive core with minor dark grey/green salvages on rare fractures at 15-30 deg. to core axis.	92902	32.7	35.7	3.0	100	<5	<0.5	27	<2	<1	13	89	18	2.68	741	<1	24	17	<5	51	103
			92903	35.7	37.2	1.5	100	<5	<0.5	48	<2	<1	15	106	21	2.95	741	<1	27	22	<5	62	97
		box 5 34.0 - 39.6m 6 39.6 - 45.0																					
		gradational; contact over several cm to ...																					
37.2	58.5	dark green, grey white feldspar and chloritized mafics fine to medium graine intermediate volcanic, very weak pale red hematite stained pervasive, trace disseminated fine grained euhedral pyrite, minor fractures with calcite paint at 10-30 deg. to core axis.	92904	37.2	40.2	3.0	100	7	<0.5	6	-2	<1	15	122	19	3.07	785	<1	25	20	<5	68	99
			92905	40.2	43.3	3.3	100	6	<0.5	38	-2	<1	14	134	16	3.11	650	2	26	17	<5	73	105

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		43.3 - 44.2m bleached "crackled"	92906	43.3	44.2	0.9	100	10	<0.5	67	<2	<1	19	121	11	2.79	469	31	32	27	<5	62	89
		intermediate volcanic, brecciated in part with fine pyrite matrix, minor hematite stained, crackle breccia cut by	92907	44.2	47.2	3.0	100	<5	<0.5	<5	<2	<1	13	104	14	2.65	601	<1	26	18	<5	58	99
		fractures at 10 deg. to core axis.	no sample	47.2	53.3																		
		53.3 - 53.8m minor quartz-calcite fine pyrite veining at 80 deg. to core axis	92908	53.3	53.8	0.5	100	<5	<0.5	25	<2	<1	11	124	23	3.18	818	1	21	34	<5	59	90
		in massive fresh andesite.	no sample	53.8	58.5																		
		box 7 45.0 - 50.6m 8 50.6 - 56.2 9 56.2 - 62.5 10 62.5 - 67.9																					
		sharp contact at 50 deg. to core axis to ...																					
58.5	76.0	light tan, buff, brown "bleached" fine to medium grained intermediate volcanic, hard, silicified in part?, generally massive, mottled with minor hematite stained bands up to 5cm wide at 40 deg. to core axis - flow tops? trace disseminated pyrite.	92909	58.5	59.8	1.3	100	6	<0.5	16	<2	<1	9	100	13	3.31	847	<1	16	10	<5	55	73
		59.8 - 60.3m includes 10mm banded	92910	59.8	60.3	0.5	100	6	<0.5	29	3	<1	12	128	13	3.17	779	<1	22	15	<5	55	81
		calcite-quartz-pyrite veinlet at 40 deg. to core axis.	92911	60.3	64.0	3.7	100	5	<0.5	14	<2	<1	14	101	18	3.73	884	<1	24	13	<5	57	88
		64.0 - 64.6m volcanic here is cut by 1-	92912	64.0	64.6	0.6	100	<5	<0.5	61	<2	<1	24	127	27	3.13	688	2	31	13	<5	48	60
		5mm pyrite-quartz-calcite veinlets at 5-	92913	64.6	67.6	3.0	100	<5	<0.5	<5	<2	<1	9	93	17	3.30	827	<1	17	15	<5	52	86

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		50 deg. to core axis, veinlets are bande in part.	92914	67.6	70.6	3.0	100	<5	<0.5	<5	2	<1	11	92	13	2.51	675	<1	18	14	<5	48	89
		from 69.2m bleached and weakly	92915	70.6	73.6	3.0	100	<5	<0.5	<5	<2	<1	12	101	25	2.93	674	<1	20	18	<5	59	121
		silicified intermediate volcanic becomes moderately well fractured, 4 to 10cm at 5-80 deg. to core axis with pyrite paint on fractures common to 1%.	92916	73.6	76.0	2.4	100	<5	<0.5	22	<2	<1	13	95	17	2.98	659	<1	22	21	<5	54	117
		box 11 67.9 - 74.4m 12 74.4 - 79.7																					
		Sharp fault contact at 85 deg. to core axis to ...																					
76.0	89.0	light green, grey fine to medium grained white feldspar porphyritic intermediate volcanic, moderately well silicified, hard, dense, pervasively altered to very fine silica rock in bands up to 20cm wide at 45 deg. to core axis, disseminated and fractured pyrite up to 5%.	92917	76.0	79.0	3.0	100	<5	<0.5	79	<2	<1	17	70	17	4.24	531	2	32	11	<5	48	102
		79.0 - 86.7m FAULT ZONE at 5- 80 deg.	92918	79.0	82.0	3.0	70	8	<0.5	90	<2	<1	25	59	18	4.12	68	3	49	14	11	19	19
		to core axis of dark grey pyritic clay	92919	82.0	85.0	3.0	80	<5	<0.5	121	<2	<1	36	28	28	6.49	18	4	76	14	<5	16	<1
		and intensely argillized intermediate? volcanic, recovery down, blocked core tube every couple of feet.	92920	85.0	86.7	1.7	60	6	<0.5	85	<2	<1	37	29	20	4.50	12	4	47	18	<5	15	2
		86.7 - 89.0m less altered highly fractured dark green and grey pyritic	92921	86.7	89.0	2.3	80	<5	<0.5	80	<2	<1	22	41	17	5.15	138	2	25	15	<5	28	27

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		mafic andesite, pyrite dissseminated to 10%.																					
		box 13 79.7 - 86.4m 14 86.4 - 92.4																					
		gradational contact over several cm to ...																					
89.0	106.6	dark green, grey, fine to medium grained	92922	89.0	92.0	3.0	100	14	<0.5	31	<2	<1	14	121	13	5.96	1310	1	16	7	7	93	123
		chloritized intermediate volcanic,	92923	92.0	93.6	1.6	100	<5	<0.5	15	<2	<1	12	83	20	5.05	1306	<1	16	9	<5	71	91
		porpyritic up to 15%, dark green mafic blebs/phenocrysts, 1-3mm in diameter.	92924	93.6	95.8	2.2	90	<5	0.8	27	<2	<1	16	95	16	5.15	1215	<1	18	11	<5	78	97
		92.4 - 95.8m less than 0.5% fine pyrite disseminations and quartz - very fine pyrite veinlets, 2-3mm wide, randomly oriented. Reddish hematite blebs, 1-2%.																					
		95.8 - 99.3m FAULT ZONE, shattered and broken-up core, volcanic breccia, abundant dark grey pyritic clay alteration, localized areas of white quartz veining with associated fine grained pyrite masses to 3-5%.	92925	95.8	99.3	3.5		11	0.8	131	<2	<1	23	33	27	7.29	293	3	33	33	6	24	27
			98526	99.3	101.3	2.0	90	<5	<0.5	28	<2	<1	11	102	14	5.60	1917	<1	12	6	<5	87	135
		99.3 - 103.4m bleached to medium buff/argillized intermediate volcanic, 2% fine grained pyrite disseminations, 1-2mm blebs and fracture fillings.	98527	101.3	103.4	2.1	80	<5	<0.5	94	4	<1	14	110	37	6.16	2165	<1	17	9	<5	98	174

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		103.4 - 106.6m FAULT ZONE, broken-up and shattered core, brecciated intermediate volcanic, abundant grey pyritic clay gouge, 1-3% fine grained pyritic masses and disseminations - minor hematite staining.	98528	103.4	106.6	3.2	80	<5	<0.5	97	<2	<1	18	74	37	7.09	1139	4	31	17	<5	52	79
		box 15 92.4 - 99.0m 16 99.0 - 104.8 17 104.8 - 109.7																					
		fault contact to ...																					
106.6	115.2	andesite?/intermediate volcanic?	98529	106.6	108.8	2.2	100	<5	0.6	145	<2	<1	23	50	16	6.54	513	1	30	18	<5	41	76
		green to medium grey, fine grained, porphyritic with 25- 30% chloritized mafic phenocrysts 1-2mm, locally bleached to light grey/argillized?.																					
		large part of the interval is fractured and brecciated, cut by coarse crystalline gypsum veinlets at 60-70 deg. to core axis.																					
		0.5-1% fine grained pyrite	98530	108.8	111.9	3.1	100	<5	<0.5	78	<2	<1	27	39	18	5.01	341	<1	36	28	<5	28	47
		disseminations and blebs	98531	111.9	115.2	3.3	90	<5	<0.5	137	3	<1	25	30	22	5.87	599	1	30	27	<5	26	36
		clay gouge along fracture surfaces is common at 60-75 deg. to core axis.																					
		111.9 - 115.2 FAULT ZONE																					

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		shattered core with abundant grey pyritic clay gouge, 1-2% fine grained pyrite disseminations and blebs																					
		hairline calcite and gypsum along microfractures.																					
		box 18 109.7 - 114.9m 19 114.9 - 120.5 20 120.5 - 126.3 21 126.3 - 132.3																					
		FAULT contact to ...																					
115.2	139.4	argillized intermediate volcanics																					
		buff to creamy/bleached, medium green, fine to medium grained porpyritic with subhedral feldspar and chloritized mafic phenocrysts, fairly heavily argillized over more than 2/3 of the interval.																					
		moderately fractured throughout, pink to white drusy calcite healing fractures.																					
		narrow intensely shattered sections with well developed pyritic clay gouge.	98532	115.2	118.0	2.7	90	5	<0.5	58	<2	<1	15	48	20	6.42	975	<1	19	48	5	33	58
			98533	118.0	120.5	2.5	90	8	0.5	55	<2	<1	15	36	13	5.61	1102	<1	18	28	<5	25	55
			98534	120.5	123.5	3.0	100	<5	0.7	57	<2	<1	15	47	19	5.82	1494	<1	16	17	<5	29	108
		to 5% very fine grained grey pyrite masses, hairline veinlets and disseminations.																					

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		117.2 - 118.0m pyritic clay gouge in brecciated and shattered zone.	98535	123.5	126.5	3.0	100	<5	<0.5	72	<2	<1	18	32	14	4.75	1011	<1	21	18	<5	20	52
			98536	126.5	129.5	3.0	100	<5	0.7	101	<2	<1	17	55	11	5.64	1790	1	22	23	<5	32	97
		119.2 - 119.5m same as above																					
		126.3 - 128.0m 3-4% large pyritic replacement masses, 0.3-1cm in diameter fine disseminations and hairline fracture fillings, pink quartz-calcite veinlets healing irregular fractures.	98537	129.5	132.5	3.0	100	<5	<0.5	98	<2	<1	14	58	15	5.33	1773	<1	17	24	7	37	137
			98538	132.5	135.5	3.0	100	8	<0.5	67	<2	<1	16	48	9	3.97	1578	<1	16	22	<5	46	66
			98539	135.5	137.8	2.3	100	5	<0.5	54	2	<1	16	108	14	4.02	1077	<1	15	15	<5	64	78
		131.0 - 131.7m pink vuggy quartz-calcite veinging, it forms about 25% of this interval, 2% pyrite, fine grained as replacement blebs and disseminations.	98540	137.8	139.4	1.6	100	10	0.8	230	4	<1	19	62	18	4.48	660	<1	21	24	<5	37	88
		132.3 - 135.2m brecciated intermediate volcanic, healed by random network of calcite-quartz veinlets, 1-2% fine pyrite.																					
		135.2 - 137.5m weakly fractured to 136.7m, minor hairline calcite filled fractures at 45-50 deg. to core axis, last 80cm more intense brecciation with large quartz-calcite masses, 0.5% fine pyrite disseminations and fracture fillings.																					
		box 22 132.2 - 137.8m																					
		23 137.8 - 143.6																					

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		brecciated contact over 10cm width to ...																					
139.4	153.6	ASH TUFF																					
		medium to light grey, microcrystalline	98541	139.4	142.3	2.9	100	<5	<0.5	55	<2	<1	16	95	24	5.20	1047	<1	21	21	<5	52	139
		to fine grained, well banded.	98542	142.3	145.3	3.0	100	7	<0.5	22	<2	<1	15	55	51	4.29	771	<1	18	20	<5	41	74
		thickness of bedding varies from fine	98543	145.3	148.4	3.1	100	<5	<0.5	14	<2	<1	11	46	40	5.00	638	<1	9	19	<5	37	50
		laminations (<1mm) to 2cm thick beds.	98544	148.4	151.5	3.1	100	<5	<0.5	12	<2	<1	13	55	31	4.74	691	<1	10	22	7	49	128
		parts of this interval are massive with	98545	151.5	153.6	3.1	100	<5	<0.5	18	<2	<1	12	49	27	3.96	813	<1	12	20	5	36	203
		very poorly developed bedding.																					
		Bedding: fairly consistent at 45-60 deg. to core axis. from 139.4-151.0m it decreases to 30 deg to core axis. From 152.6 - 153.6m numerous intercalations of coarse fragmental/tuff breccia, these fragmental intervals are poorly competent.																					
		generally moderately fractured, white calcite and coarse crystalline gypsum filling microfractures at 50-60 deg. to core axis and randomly oriented.																					
		an average 0.5-1.0% very fine grained pyrite disseminations.																					
		142.3 - 144.8m shattered and broken-up core, some clay gouge - FAULT ZONE?																					

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		breccia tuff healed by calcite veinlets.																					
		generally less than 0.3% fine grained pyrite blebs and disseminations.																					
		145.3 -147.8m discontinuous narrow sections of shattered core with coarse fragmental tuff.																					
		150.8 - 152.5m the same as above interval.																					
		box 24 143.6 - 148.8m 25 148.8 - 154.4																					
		brecciated contact over 20cm to ...																					
153.6	193.1	FAULT ZONE / ANDESITE-ANDESITE BRECCIA, MINOR ASH TUFF																					
		grey-green maroon, fine grained.	98546	153.6	156.6	3.0	100	60	0.9	128	<2	<1	13	43	10	4.43	543	3	6	20	5	33	65
			98547	156.6	159.3	2.7	90	136	0.6	122	4	<1	12	44	8	4.00	618	5	7	11	<5	39	65
		commonly fragmental texture with to 5cm across subangular fragments set in fine grained intermediate to mafic groundmass.	98548	159.3	162.6	3.3	90	22	<0.5	51	<2	<1	10	37	8	4.05	990	<1	1	6	6	56	96
		numerous intervals of highly shattered and fractured core with extensive clay alteration, host lithology is commonly andesite breccia.	98549	162.6	165.2	2.6	100	12	<0.5	<5	<2	<1	13	42	10	4.75	1203	<1	3	13	5	64	123
			98550	165.2	168.2	3.0	80	11	0.7	55	<2	<1	12	23	6	3.32	915	<1	4	15	<5	32	63

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
		generally to 5% fine grained pyrite as disseminations, irregular masses and microfracture fillings, 8-10% pyrite, locally over narrow intervals.																					
		153.6 - 154.8m discontinuously shattered core with grey pyritic clay gouge																					
		volcanic breccia has typically coarse fragmental character, minor calcite as open space fillings extensive argillic alteration to 5% pyrite.																					
		154.8 - 158.4m weakly fractured, white calcite filling microfractures.																					
		158.4 - 159.4m volcanic breccia with abundant clay alteration, 2-3% euhedral pyrite (0.5-1.0mm) in the groundmass.																					
		159.7 - 160.9m shattered core with large pink calcite masses in filling open spaces and microfractures, intensely argillized.																					
		160.9 - 167.0m more competent core than in the above, andesite t andesite breccia, extensively argillized,																					
		amygdaloidal, calcite and zeolites	94951	168.2	170.3	2.1	90	60	<0.5	94	<2	<1	13	31	10	3.81	899	4	6	25	<5	34	65
		filling vesicles, on average 2-3%	94952	170.3	171.8	1.5	100	10	1.2	99	4	<1	13	50	16	7.65	926	<1	5	31	<5	57	93
		pyrite.	94953	171.8	173.1	1.3	90	36	1.8	253	<2	<1	10	58	18	10.00	736	<1	7	29	<5	62	84

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
			94954	173.1	175.9	2.7	100	26	1.3	205	<2	<1	18	128	29	8.08	778	<1	25	20	<5	67	105
167.0	173.1	very strongly shattered core, obliterated primary textures fragmental andesite breccia/lapilli tuff?	94955	175.9	177.7	1.9	85	25	1.4	116	<2	<1	27	160	31	6.51	868	1	44	22	5	55	145
			94956	177.7	179.7	2.0	100	14	1.3	56	3	<1	16	39	11	5.97	845	<1	9	26	<5	31	74
			94957	1797.7	181.9	2.2	100	8	0.8	52	<2	<1	13	32	11	4.49	852	<1	4	20	8	32	79
		strong grey pyritic clay alteration.																					
		to 8-10% fine grained pyrite masses and disseminations.																					
		173.1 - 177.7m ash tuff, microcrystalline to fine grained, well bedded, thickness varies from 1 to 3mm, locally massive.																					
		Bedding: consistent at 45-50 deg. to core axis. heavily argillized. on average to 5% pyrite, short, 20-30cm intervals 8-10% pyrite as irregular masses and fine disseminations.																					
		177.7 - 193.7m shattered and fractured core over large part of this interval.																					
		dominantly vesicular andesite with lesser andesite breccia.	94958	181.9	183.9	2.0	100	9	0.8	49	<2	<1	13	37	32	4.42	801	2	6	16	<5	35	114
			94959	183.9	185.9	2.0	100	<5	0.6	11	<2	<1	12	42	5	4.11	962	1	4	18	<5	48	84
			94960	185.9	188.1	2.1	100	7	<0.5	21	<2	<1	12	34	8	4.45	936	12	3	12	9	71	90
		commonly bleached to creamy and buff.	94961	188.1	190.5	2.4	90	5	<0.5	<5	4	1	11	28	6	4.19	1045	<1	<1	14	<5	62	81

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
			94962	190.5	193.1	2.6	100	5	<0.5	<5	<2	<1	11	29	7	3.98	947	<1	2	14	<5	61	77
		white to pinkish calcite fills vesicles and heals fracture in brecciated zones.																					
		minor red magnetite envelopes to quartz-pyrite stringers.																					
		quartz veinlets and stringers are 1-2mm wide, randomly oriented and occur very rarely.																					
		pyrite clay alteration is locally well developed, not that common.																					
		on average less than 3% pyrite.																					
		box 26 154.4 - 159.9m 27 159.9 - 165.2 28 165.2 - 170.3 29 170.3 - 175.9 30 175.9 - 181.4																					
		... sharp contact at 80 deg to core axis to ...																					
193.1	215.5	ANDESITE dark grey-green, massive, fine grained/aphanitic.	94963	193.1	196.1	3.0	100	<5	<0.5	<5	<2	<1	13	58	11	4.81	903	<1	1	6	<5	108	96
			94964	196.1	199.3	3.2	100	<5	<0.5	15	<2	<1	13	66	8	4.84	968	<1	3	<5	8	146	84
		amygduloidal texture, amygdules are filled with white zeolites? and dark green chloritized mafics 1-3mm in diameter.	94965	199.3	202.3	3.0	100	<5	<0.5	22	3	<1	13	68	7	4.88	973	2	4	<5	<5	154	69
			94966	202.3	205.3	3.0	100	<5	<0.5	17	<2	<1	13	62	10	4.66	782	1	4	<5	<5	153	47
			94967	205.3	208.4	3.1	100	<5	<0.5	<5	<2	<1	13	61	9	4.64	765	<1	4	<5	5	153	46
			94968	208.4	211.4	3.0	100	<5	<0.5	<5	<2	2	12	51	7	4.11	622	<1	2	<5	<5	134	38

Hole DDH-165-9 (continued)

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
			94969	211.4	213.5	2.1	100	<5	<0.5	<5	<2	<1	11	48	7	4.07	591	<1	2	<5	<5	140	39
		fairly weakly chloritized, mostly along fracture surfaces.	94970	213.5	215.5	2.0	100	5	<0.5	<5	<2	<1	11	58	12	4.37	699	<1	3	<5	<5	146	46
		weakly fractured with 1-3mm wide calcite healing microfractures at 20-50 deg. to core axis.																					
		red magnetite selvages to calcite veinlets are locally observed.																					
		generally less than 0.1% fine grained pyrite along fractures.																					
		204.0 - 208.7m common red magnetite envelopes to calcite veinlets at 40-50 deg. to core axis.																					
		208.9 - 211.3m broken-up core, abundant chlorite and calcite with lesser pyrite and magnetite on fracture surfaces.																					
		215.5 EOH																					

D I S C O V E R Y C O N S U L T A N T S

D r i l l L o g

Co-ords: IP grid 16N/10+12W

Azimuth: 061
Dip: -45 deg.
Elevation:

Length: 203.0m
Section: 16N
Purpose: test Au intersection of RC-12

Drill type & size: longyear 38 NQ

Dip tests:

Hole No: DDH 165-8
Property: Gold Star

Location: Sunday Zone
Date St.: 1000 hr, Nov. 11, 1988
Date Fin: 0500 hr, Nov. 13,1988.
Logged by: B.W. Kyba

Date Logged: Nov. 13, 1988.

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm	Zn ppm
0.0	15.2	overburden																					
15.2	37.6	bleached light grey, white and dark grey fine to coarse fragmental, lapilli tuff. Fragments up to 5cm across in dark grey comminuted groundmass, matrix supported, bands of very coarse fragmental to 30cm wide with fine lapilli tuff more common to 70% of interval, bands at 50 deg. to core axis.	135383	15.2	18.2	3.0	100	<5	<0.5	65	<2	<1	20	62	55	3.36	463	20	43	14	10	31	72
			135384	18.2	21.2	3.0	99	<5	<0.5	14	<2	<1	16	82	11	3.44	827	<1	31	<5	<5	50	140
			135385	21.2	24.2	3.0	100	<5	<0.5	<5	<2	2	19	87	11	2.98	622	2	34	<5	<5	45	115
			135386	24.2	27.2	3.0	100	<5	<0.5	126	<2	<1	40	70	45	2.42	339	107	79	19	<5	27	97
			135387	27.2	30.2	3.0	100	<5	<0.5	48	<2	<1	27	101	17	3.32	442	6	58	9	9	46	113
		19.0 to 19.8 very broken core, fracture zone, white clay in fractures common.																					
		21.7 to 21.9 very broken core with coarse crystalline calcite veins at 30 deg. to core axis.																					

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		29.7 to 30.0 very broken core with white calcite veining 5 to 20 deg. to core axis, trace pyrite.	135388	30.2	33.2	3.0	100	<5	<0.5	41	<2	<1	21	69	16	3.59	317	6	43	9	5	27
			135389	33.2	36.2	3.0	100	<5	<0.5	46	<2	<1	22	65	16	2.71	325	<1	28	17	<5	20
			135390	36.2	37.6	1.4	100	<5	<0.5	33	<2	<1	20	65	14	2.41	315	<1	27	15	8	20
		31.9 to 32.0 quartz veining at 85 deg. to core axis, banded in part with pyrite and calcite.																				
		35.3 to 35.4 calcite-quartz-fluorite veining 10 deg. to core axis up to 2cm wide, vuggy, trace pyrite.																				
37.6	39.6	FAULT zone, heavy light grey-green clay gouge and fractured tuff and feldspar intermediate volcanic - forms contact to ...	135391	37.6	39.6	2.0	100	<5	<0.5	41	<2	<1	22	47	17	2.89	449	5	33	22	<5	16
39.6	59.2	bleached light grey white, earthy fine to medium grained feldspar intermediate volcanic, minor hematite stained and filled vesicles, trace of fine grained disseminated pyrite.	135392	39.6	42.6	3.0	100	<5	<0.5	21	<2	<1	21	138	19	4.60	1045	2	44	16	<5	47
			135393	42.6	45.6	3.0	100	<5	<0.5	36	<2	<1	19	123	29	3.74	840	2	40	18	<5	47
			135394	45.6	48.6	3.0	100	<5	<0.5	24	<2	<1	15	150	11	3.85	1068	<1	33	5	<5	64
			135395	48.6	51.6	3.0	100	<5	0.8	<5	<2	<1	17	169	13	5.24	1440	<1	38	7	<5	80
			135396	51.6	54.6	3.0	100	<5	<0.5	<5	3	<1	16	186	14	4.37	1172	<1	41	<5	<5	77
		- gradational contact to less bleached light green grey feldspar porphyritic intermediate volcanic, weak flow banding at 50 deg. to core axis, generally massive core, bands of chloritized mafics common to 2%, irregular eroded hornblende?	135397	54.6	57.6	3.0	100	<5	<0.5	<5	<2	1	18	221	17	4.63	995	2	43	<5	<5	113
			135398	57.6	59.2	1.6	100	<5	<0.5	<5	<2	1	18	240	19	3.82	732	<1	44	<5	<5	100
		- sharp contact at 90 deg. to core axis to ...																				

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
59.2	63.1	dark naroon fine grained, dense, hard basalt dyke, generally massive broken from 61.2 to 61.6 - minor light green clay and white calcite on dry fractures at 30 deg. to core axis.	135399	59.2	61.2	2.0	100	5	<0.5	7	<2	<1	16	188	31	3.75	653	<1	37	<5	<5	115
			135400	61.2	63.1	1.9		<5	<0.5	10	<2	<1	17	226	20	4.15	670	<1	43	<5	<5	116
		gradational contact over several cm to ...																				
63.1	69.0	light green, pale grey, mottled dark green in part, pyritic fine grained crystal tuff, disseminated fine grained pyrite to 3%.	135351	63.1	66.1	3.0	100	7	<0.5	<5	<2	<1	22	70	24	3.20	224	<1	34	19	<5	46
			135352	66.1	69.0	2.9	100	8	<0.5	11	<2	<1	17	81	18	3.40	281	<1	25	22	<5	53
		64.5 to 69.0 interbanded fine crystal tuff and coarse tuff breccia angular fragments to 3cm across in tuff matrix.																				
		gradational contact over tens of cm to ...																				
69.0	80.3	dark green and maroon white feldspar porphyritic andesite, massive, very weakly developed flow banding at 45 deg. to core axis. Maroon colour may be alteration? Very mottled in part.	135353	69.0	72.0	3.0	100	7	<0.5	15	<2	<1	17	97	29	3.37	349	<1	24	23	<5	47
			135354	72.0	75.0	3.0	100	13	<0.5	17	<2	<1	16	99	15	3.85	572	<1	21	11	<5	76
			135355	75.0	78.0	3.0	100	6	<0.5	<5	<2	<1	16	140	21	4.66	1079	<1	19	6	<5	127
			135356	78.0	80.3	2.3	100	6	<0.5	<5	<2	<1	13	111	10	4.35	1071	<1	17	6	<5	100
		from 75.3m dark green chloritized mafics to 5% of rock - massive with minor "crackle" zones of white calcite																				

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		veinlets to 1mm sharp contact at 45 deg. to core axis.																				
80.3	88.9	light tan, white, and light brown pink bleached fine to medium grained pyritic argillized feldspar quartz monzonite dyke? Minor apple green clay alteration of mafics? locally bright pink K-feldspar, pyrite disseminated to 1/2%, minor pyrite paint on fractures at 20 deg. to core axis.	135357	80.3	83.0	2.7	90	10	1.0	41	<2	<1	21	92	13	3.62	728	5	22	17	5	46
		82.6-82.8 fracture fault zone, light grey clay gouge with fine disseminated pyrite to 2%																				
		83.0 - 84.0 fault zone 40 deg. to core axis.																				
		lost core - ground core to 20% recovery	135358	83.0	84.0	1.0	20	12	3.0	578	2	<1	43	89	48	9.94	613	42	56	64	17	30
		fault breccia with pyrite fragments and	135359	84.0	87.0	3.0	100	5	1.1	38	<2	<1	14	99	10	4.97	1371	<1	16	<5	<5	54
		tuff? fragments, andesite and dyke	135360	87.0	88.9	1.9	100	5	1.1	74	<2	<1	18	103	14	3.78	831	2	19	15	6	42
		fragments in dark grey - black ground mass.																				
		massive pink dyke with trace disseminated magnetite, widespaced fractures at 20-40 deg. to core axis.																				
		"MIXED ZONE" contact of mottled dyke and dark green mafic rich andesite over 5cm to ...																				

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
88.9	94.0	dark green mottled light green in part, fine to medium grained hornblende? andesite, mafics to 5% and moderately well chloritized, generally massive with weakly developed maroon alteration along rare fracture at 45 deg. to core axis. sharp contact at 45 deg. to core axis to ...	135361	88.9	91.9	3.0	100	<5	0.9	11	<2	<1	16	134	7	5.31	1281	<1	18	<5	<5	77
			135362	91.9	94.0	2.1	100	7	1.8	<5	<2	<1	18	142	3	6.30	1589	<1	21	<5	<5	84
94.0	96.3	light tan, cream, argillized? polymictic fine fragment lapilli tuff, irregular poorly sorted fragments in earthy matrix Trace disseminated pyrite, generally massive with weakly developed banding at 45 deg. to core axis. gradational contact over several cm at 45 deg. to core axis to ...	135363	94.0	96.3	2.3	100	5	<0.5	36	<2	<1	11	117	24	3.32	947	<1	14	6	6	48
96.3	111.8	dark green, mottled light green fine grained mafic rich fine to medium grained andesite, massive, irregular white zeolites? filling vesicles over 30cm bands, rare 2mm wide pyrite veinlets at 20 deg. to core axis at 99.6 to 99.8 m.	135364	96.3	99.3	3.0	100	<5	1.5	6	<2	<1	16	102	13	5.03	1190	<1	18	11	<5	45
			135365	99.3	102.3	3.0	100	<5	0.7	26	<2	<1	18	103	32	3.63	916	2	22	12	<5	46
		from 102.3 mafic rich andesite interbanded with dense very fine grained dark green andesite, banding at 45 deg. to core axis with gradational	135366	102.3	105.3	3.0	100	<5	1.2	12	2	<1	16	140	14	4.68	1115	<1	18	<5	<5	100

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Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		contacts between bands - cooling tops?																				
		from 105.3 m andesite is mostly fine to very fine grained with very fine grained mafics - hard dense rock.	135367	105.3	108.3	3.0	100	5	1.1	<5	<2	<1	15	146	11	4.72	888	<1	17	<5	<5	108
			135368	108.3	111.8	3.5	100	<5	0.9	31	<2	<1	17	111	7	4.31	839	<1	19	<5	<5	63
		from 107 m andesite becomes more medium grained with 2% irregular chloritized mafics, coarse fragmental in part from 109.5 to 110.0 m.																				
		sharp contact at 45 deg. to core axis to ...																				
111.8	188.4	light green, dark green and grey, very fine grained thick and thin banded microcrystaline tuff, graded beds locally well developed over 2-3cm for series up to 1m wide disseminated and bands of very fine grained dark yellow pyrite common to 3%, in some bands the tuff looks like at packstone. banding consistent at 45 deg. to core axis - flat lying here, top right side up. rare calcite fractures at 0 deg. to core axis.	135369	111.8	114.8	3.0	100	8	1.8	106	<2	<1	20	69	36	4.67	607	12	28	21	<5	43
			135370	114.8	117.8	3.0	100	<5	1.6	56	<2	<1	14	72	52	4.54	782	5	20	11	<5	61
			135371	117.8	120.8	3.0	100	<5	1.1	75	2	<1	17	53	23	3.93	544	5	20	14	6	38
		from 121.3 to 123.5 gouge and pyritic clay - FAULT ZONE at 30 deg. to core axis, ground core, recovery to 60%?	135372	120.8	123.8	3.0	70	8	1.6	44	<2	<1	19	61	22	5.14	490	<1	27	16	<5	44
			135373	123.8	126.8	3.0	95	<5	1.3	24	3	<1	26	152	14	6.54	912	<1	30	6	<5	71

• Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		from 125.7 to 126.8 coarse fragmental tuff, tuff breccia with irregular blebs and masses of fine grained pyrite to 10%.																				
		126.8 to 128.7 fracture zone with fine crystal tuff and coarse fragmental bands, fragments to 3cm across locally fragment supported.																				
		irregular white zeolites in vesicles	135374	126.8	129.8	3.0	100	7	1.1	55	<2	<1	21	95	10	5.03	1708	<1	21	<5	<5	53
		common from 127.0m.	135375	129.8	132.8	3.0	100	<5	1.4	304	2	<1	16	35	8	5.01	650	2	3	18	10	23
		129.0 to 129.5 lacy quartz vein and fine grained calcite pyrite bands at 30 deg. to core axis, hydrothermal brecccia vein in part?																				
		133.2 to 133.6 FAULT ZONE of light grey clay gouge at 80 deg. to core axis.	135376	132.8	135.8	3.0	100	<5	1.7	149	5	<1	14	43	7	5.38	1148	4	2	14	7	38
								16	0.7	123	<2	<1	14	49	7	4.51	682	2	3	16	10	31
								15	0.5	47	<2	1	13	53	10	4.02	1105	<1	2	8	<5	88
		135.7 to 135.9 FAULT ZONE at 5 deg. to core axis with dark grey clay gouge in coarse tuff box fragmental, irregular masses of fine grained pyrite to 5% and up to 2cm across.	135377	135.8	138.8	3.0	100	20	<0.5	100	<2	<1	12	56	7	3.91	736	2	<1	7	9	70
		from 137.5 tuff becomes bleached, very fine crystalline again, with minor fragmental bands at 45 deg. to core axis,dark grey and hematite red stained fracture selvages common at 4/20cm at	135378	138.8	141.8	3.0	100	17	<0.5	79	<2	<1	12	57	7	4.48	975	1	2	<5	<5	100
			135379	141.8	144.8	3.0	100	6	<0.5	30	<2	<1	12	55	7	4.04	815	<1	2	<5	<5	108

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		10-50 deg. to core axis.																				
		142.6 to 143.0 fractured tuff, minor white calcite in fractures, broken core.	135380	144.8	147.8	3.0	100	70	1.0	318	<2	<1	12	62	8	5.16	246	3	5	8	<5	21
		145.1 to 145.6 FAULT ZONE at 40 deg. to core axis - breccia tuff healed with white fine to medium crystallized calcite, pyrite at 10%.																				
		from 145.6 tuff becomes massive with rare white calcite lined fractures at 10-40 deg. to core axis at 1/20cm	135381	147.8	150.8	3.0	100	2150	16.0	367	<2	<1	12	60	10	4.41	417	10	5	14	11	46
		tuff as above, minor fragmental bands up to	135382	150.8	153.8	3.0	100	7	<0.5	616	<2	<1	15	32	9	4.23	821	5	4	15	<5	35
		10cm wide at 40 deg. to core axis, disseminated and matrix fine grained pyrite to 5%.	92876	153.8	156.8	3.0	100	15	<0.5	140	<2	<1	11	50	6	4.01	1184	2	3	6	<5	53
		156.0 to 159.3 fine lapilli tuff as above, disseminated fracture and matrix pyrite to 5%.	92877	156.8	159.3	2.5	100	34	<0.5	216	5	<1	11	35	8	5.22	1284	5	5	14	11	32
		159.3 to 166.7 light green grey chloritized mafic andesite and tuff,	92878	159.3	162.3	3.0	100	21	<0.5	124	<2	<1	11	40	6	4.47	939	2	3	17	5	39
		bands at 45 deg. to core axis,	92879	162.3	165.3	3.0	100	23	<0.5	291	<2	<1	13	37	8	5.70	1923	5	3	16	15	44
		disseminated and fracture stockwork pyrite to 5%, contacts from dark green fine lapilli tuff at 45 deg. to core axis and ghosty - not distinct and sharp. Rare bright red hematite centers to green chlorite blebs - vesicles?	92880	165.3	166.7	1.4	100	11	<0.5	253	<2	<1	12	36	8	4.96	1443	<1	4	17	9	36

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		166.7 to 175.3 dark grey/light grey intensely argillized andesite/tuff disseminated and fracture pyrite to 5%, minor calcite veining - this may be andesite of above with total destruction of chloritized mafics? dark grey alteration as selvages and pervasive in part to pyrite/calcite veining.	92881	166.7	169.7	3.0	100	12	<0.5	177	<2	<1	12	38	8	4.59	808	<1	4	15	13	26
			92882	169.7	172.7	3.0	100	9	<0.5	52	<2	<1	11	51	4	3.80	1901	<1	3	<5	8	66
			92883	172.7	175.3	2.6	100	16	<0.5	208	<2	<1	14	32	11	5.51	695	2	7	19	9	30
		168.2 to 168.9 5-30mm wide white 30mm wide white calcite calcite quartz-pyrite veining and stockworkcalcite margins with clear crystalline quartz cores, pyrite in calcite margins																				
		175.3 to 177.4 interband of flow bandeddark green, grey fine to medium grained chloritized mafic andesite, massive core, disseminated pyrite to 1%, minor white calcite fracture coating at 20-30 deg. to core axis, flow banding at 45 deg. to core axis.	92884	175.3	177.4	2.1	100	8	<0.5	274	<2	<1	16	27	9	5.02	299	6	9	21	10	20
		sharp flow contact? to ...																				
		177.4 to 188.4 dark green, light grey mottled pyritic tuff and tuff breccia, fine to coarse andesite and tuff fragments in fine grained ground mass, disseminated pyrite to 15%, mottled light grey with with pervasive sericite?	92885	177.4	180.4	3.0	100	<5	<0.5	243	4	<1	19	43	10	8.53	616	4	9	31	14	30
			92886	180.4	183.4	3.0	100	<5	<0.5	88	<2	<1	16	75	11	7.23	2085	3	7	11	<5	66

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		alteration?																				
		178.9 to 179.5 grey pyritic clay gouge FAULT ZONE at 80-40 deg. to core axis.	92887	183.4	185.0	1.6	10	<5	<0.5	28	2	<1	12	50	7	4.61	1449	2	4	8	<5	62
		181.8 to 185.0 grey pyritic clay gouge FAULT ZONE at 50 deg. to core axis.																				
		from 185.0 to 188.4 very coarse andesite and tuff breccia with 10% putirte in matrix and disseminated in fragments, weak pervasive maroon alteration colour from 187.0 to 188.4m.	92888	185.0	188.4	3.4	100	<5	<0.5	<5	<2	<1	11	49	5	4.35	1097	<1	2	7	<5	61
		sharp contact at 45 deg. to core axis to ...																				
188.4	203.0	dark green, fine grained, hard dense andesite, generally massive core, minor white calcite filled fractures at 10-30 deg. to core axis, minor hematite stained calcite/zeolite? filled vesicles.	92889	188.4	191.4	3.0	90	8	<0.5	<5	<2	<1	11	59	7	4.13	968	<1	3	6	<5	97
		189.6 to 190.0 fracture FAULT ZONE in andesite - clay gouge trace disseminated pyrite in andesite, recovery down.																				
		191.9 to 192.2 "bleached" amygdaloidal	92890	191.4	194.4	3.0	100	<5	<0.5	<5	<2	<1	12	64	6	4.66	938	<1	3	5	<5	146
		andesite - pale grey/white and hematite	92891	194.4	197.4	3.0	100	<5	<0.5	<5	<2	<1	12	65	7	4.70	1081	<1	6	<5	6	145
		stained zeolites filling vesicles, minor	92892	197.4	200.4	3.0	100	<5	<0.5	<5	<2	<1	12	64	6	4.66	938	<1	3	5	<5	146

Hole DDH-165-8

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	PB ppm	Sb ppm	V ppm
		red orange brown limonite and hematite filled fractures, banding at 45 deg. to core axis.	92893	200.4	203.0	2.6	100	<5	<0.5	<5	<2	<1	12	65	7	4.70	1081	<1	6	<5	6	145
		from 197.6 andesite is very fine grained, hard with weak hematite stained throughout, massive structureless core.																				
		EOH at 203m (666 feet).																				

D I S C O V E R Y C O N S U L T A N T S

D r i l l L o g

Co-ords: IP grid 16N/1+50W

Azimuth: 60 deg.
Dip: -85 deg.
Elevation:

Length:
Section: 16N
Purpose: test IP anamaly below RC holes 9, 10 & 11

Drill type & size: longyear 38 NQ

Dip tests:

Hole No: DDH 165-10
Property: Gold Star

Location: Border Zone
Date St.: Nov. 23, 1988
Date Fin:
Logged by: Daria Duza

Date Logged: Nov. 24, 1988.

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0.0	18.6	casing - overburden																					
18.6	33.0	Feldspar-Hornblende porphyritic Andesite Intermediate Volcanic? medium grey-green to buff, fine grained porphyritic with white feldspar and chloritized hornblende phenocrysts (20-30%). core is generally competent. rare pink calcite veinlets, 2-5mm wide, trending 30-45 deg to core axis. up to 0.5% fine grained pyrite disseminations. 23.4-24.3m broken core, limonitic clay																				

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		along fracture surfaces.																					
		26.5-27.4m partly shattered core, weak rusty limonitic staining and grey clay coating the fractures.	94971	30.0	33.0	3.0	100	11	<0.5	7	<2	<1	7	22	49	3.44	826	<1	7	12	<5	46	98
		pink calcite veining is common.																					
		gradational disappearance of hornblende phenocrysts over 50cm ...																					
33.0	68.8	Altered Feldspar porphyritic Andesite / Intermediate Volcanic?																					
		buff/creamy to rarely grey-green, bleached, fine to medium grained	94972	33.0	36.0	3.0	95	<5	<0.5	<5	2	1	7	19	9	3.54	845	<1	6	6	<5	46	75
			94973	36.0	39.0	3.0	90	9	0.6	5	<2	<1	7	22	29	3.41	817	6	4	10	<5	49	81
			94974	39.0	42.0	3.0	100	18	0.8	19	<2	<1	8	26	10	3.43	776	4	7	12	<5	44	68
		ghosts of white feldspar phenocrysts,	94975	42.0	45.1	3.1	100	26	1.4	17	<2	<1	8	27	15	3.39	874	11	6	18	<5	48	74
		1-2mm on average, 25-30%, set in hard,	94751	45.1	48.1	3.0	100	17	0.9	26	3	<1	6	37	15	3.18	629	16	2	36	<5	37	96
		fairly siliceous groundmasses, pervasive	94752	48.1	51.2	3.1	100	15	0.7	8	3	<1	4	40	7	2.92	666	13	4	18	<5	28	68
		silicification?	94753	52.2	54.3	3.1	100	13	0.7	11	<2	<1	4	35	6	2.97	814	33	2	19	6	25	74
			94754	54.3	57.4	3.1	100	17	0.6	21	<2	<1	5	35	5	2.96	808	13	3	20	<5	27	66
		below 41.0m moderately fractured, grey	94755	57.4	60.4	3.0	100	10	<0.5	17	<2	<1	4	27	4	2.99	692	3	2	13	<5	31	69
		fine grained pyrite and clay and pink	94756	60.4	63.4	3.0	100	18	<0.5	16	<2	<1	4	28	5	2.94	679	3	<1	13	<5	31	73
		calcite filling randomly oriented fractures and fracture set at 30-40 deg to core axis.	94757	63.4	66.8	3.4	100	28	0.9	14	<2	<1	5	27	6	3.10	773	10	1	21	<5	31	72
		typically up to 0.5% fine grained pyrite as disseminations and microfracture fillings.																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		up to 0.3% fine grained pyrite disseminations. generally less than 0.2% pyrite blebs and disseminations in feldspar porphyritic andesite. 70.4-71.8m bleached/argillized? lapilli tuff. 71.8-72.6m above lapilli tuff is gradational to strongly bleached buff/creamy andesite with partly obliterated textures. moderately brecciated with fine grained pyrite and white calcite healing microfractures. pyrite also occurs as fine disseminations, total to 0.5-0.8%. 72.6-75.0m dark green feldspar porphyritic andesite, relatively unaltered. 75.0-79.1m moderately to locally strongly bleached, bleached sections are hard-silicified? andesite. narrow shattered and broken intervals with well developed clay gouge.	94763	78.0	81.0	3.0	100	15	0.5	23	3	<1	4	23	6	2.91	630	7	3	15	<5	29	73

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			94764	81.0	83.0	2.0		30	<0.5	39	<2	<1	5	27	10	3.14	469	8	<1	18	<5	32	74
		to 0.3% fine grained pyrite disseminations.	94765	83.0	85.6	2.6		13	0.7	31	<2	<1	5	29	8	3.41	539	7	<1	19	<5	38	80
		79.1-83.3m weakly to moderately bleached.																					
		some shattered core with grey pyritic clay alteration																					
		0.2-0.3% pyrite.																					
		83.3-85.6m broken-up and incompetent core over almost entire interval of weakly bleached andesite.																					
		pyritic clay alteration is locally formed.																					
		up to 0.2% fine grained pyrite.																					
		brecciated contact over 3cm to ...																					
85.6	115.7	Andesite Breccia (Lapilli Tuff?)																					
		medium to dark green, coarse fragmental.	94766	85.6	88.6	3.0		13	<0.5	21	<2	<1	7	40	12	3.06	623	5	4	20	<5	48	77
			94767	88.6	91.6	3.0		79	<0.5	9	<2	<1	8	33	15	2.36	583	5	4	13	6	36	64
		it is fragment-supported with up to 85% angular to subround clasts, clasts range is size from less than 0.2cm to greater than 15cm, poorly sorted, polymictic:	94768	91.6	94.6	3.0		15	<0.5	12	<2	<1	10	26	16	3.55	751	4	10	15	<5	50	87
		1) green-mafic volcanic																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		2) creamy-intermediate																					
		matrix is dark green, fine grained, chloritized, mafic in composition.																					
		up to 0.3% fine grained pyrite blebs and disseminations within the fragments and in matrix.																					
		rare narrow intercalations of massive feldspar-hornblende porphyritic medium grained andesite / intermediate volcanic?	94769	94.6	97.0	2.4	100	10	<0.5	<5	<2	1	9	25	11	3.51	790	1	8	13	<5	45	79
			94770	97.0	100.0	3.0	100	14	<0.5	6	<2	<1	10	27	11	3.57	715	3	7	8	<5	38	76
		96.9-97.9m massive intermediate volcanic? / andesite.	94771	100.0	103.0	3.0	100	44	0.8	<5	<2	1	10	31	9	3.49	694	3	7	13	5	41	72
			94772	103.0	106.1	3.1	90	22	0.6	14	<2	<1	10	33	12	3.36	708	1	9	14	<5	37	71
			94773	106.1	109.1	3.0	100	23	0.5	31	<2	<1	11	33	12	3.75	840	4	8	17	<5	40	71
		sharp contact at 70 deg. to core axis to the underlying andesite breccia.	94774	109.1	112.2	3.1	100	13	0.6	<5	2	1	10	25	12	3.81	870	2	9	13	<5	44	79
			94775	112.2	115.7	3.5	100	27	0.9	9	<2	<1	10	29	11	3.50	807	3	10	19	<5	39	72
		99.8-104.0m andesite breccia, shattered core with abundant grey clay gouge.																					
		rare calcite veinlets filling microfractures.																					
		108.4-109.7m andesite breccia broken-up and shattered core over 60% of this interval.																					
		fault contact to ...																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
115.7	151.8	FAULT ZONE/Feldspar porphyritic Andesite and Lesser Andesite Breccia (Lapilli Tuff?)																					
		strongly brecciated and shattered core over almost entire interval.	94776	115.7	118.3	2.5		25	1.3	8	<2	<1	11	33	11	3.26	700	39	8	28	<5	52	77
			94777	118.3	121.3	3.0		22	0.7	20	<2	<1	8	28	10	3.24	806	13	6	18	<5	53	69
			94778	121.3	124.4	3.1		15	0.7	9	2	<1	7	25	11	3.15	835	7	5	22	<5	63	77
		intercalated grey-green and bleached to buff white feldspar porphyritic andesite with up to 35% euhedral to anhedral feldspars phenocrysts and coarse andesite breccia (lapilli tuff?).	94779	124.4	127.4	3.0		10	<0.5	14	<2	<1	7	22	11	3.34	719	4	5	15	<5	57	80
			94780	127.4	130.4	3.0		16	0.7	5	<2	<1	8	28	16	3.14	757	8	5	21	5	53	91
			94781	130.4	133.5	3.1		24	1.2	10	<2	<1	8	43	18	2.67	523	8	7	21	<5	43	87
		andesite is locally bleached to buff, hard, silicified with ghost feldspar phenocrysts.																					
		andesite breccia is medium green to locally buff, fragment supported, moderately coarse unit with subangular to subround fragments averaging 0.5-1.5cm in diameter set in mafic, medium grained, chloritized matrix.																					
		andesite breccia forms about 35% of this interval.																					
		ALTERATION: moderate chloritization of mafic minerals in both lithotypes.																					
		pyritic clay alteration is abundant along fracture surfaces, rare fracture																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		controlled drusy calcite.																					
		local silicification? /bleaching.	94782	133.5	136.3	2.8		10	0.8	7	<2	<1	6	36	11	2.75	673	3	6	22	7	38	78
			94783	136.3	139.3	3.0		20	0.8	<5	<2	<1	6	35	6	2.30	548	12	3	19	<5	30	66
		MINERALIZATION: less than 0.3% fine	94784	139.3	142.3	3.0		10	0.7	12	<2	<1	6	31	5	2.43	602	15	4	17	<5	35	71
		grained pyrite disseminations and	94785	139.3	144.8	2.5		18	0.7	16	<2	<1	6	49	18	2.48	554	15	4	29	<5	29	80
		fracture fillings.	94787	144.8	147.8	3.0		16	0.8	<5	<2	<1	7	52	11	2.48	640	15	7	21	7	28	58
		115.7-134.2m intensely shattered core of interbedded andesite and andesite breccia.																					
		134.2-143.4m bleached to buff feldspar porphyritic andesite, ghosts of feldspar phenocrysts.																					
		fairly hard silicified?																					
		moderately fractured with fine grained pyrite and some pink calcite filling microfractures, generally randomly oriented.																					
		locally pyritic clay on fracture surfaces.																					
		143.4-147.8m moderately shattered andesite breccia, bleached to buff.	94787	147.8	151.8	4.0		8	0.9	13	<2	<1	7	17	7	2.72	665	6	3	15	<5	31	82
		0.1% fine grained pyrite disseminations.																					
		147.8-151.8m strongly brecciated core,																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		medium to light green feldspar porphyritic andesite.																					
		gradational transition to massive andesite over 20cm ...																					
151.8	169.6	Feldspar porphyritic Andesite / Lesser Andesite Breccia (Lapilli Tuff?)																					
		interbedded medium grey-green, white feldspar porphyritic andesite (70%) and grey-green andesite breccia/lapilli tuff?																					
		andesite breccia/lapilli tuff is medium coarse, fragment supported, polymitic unit with up to 90% subround to angular clasts in purple-green, medium grained ash-tuff groundmass, less than 0.3% pyrite blebs and disseminations.	94788	151.8	154.8	3.0	100	8	0.8	24	<2	<1	8	20	7	3.06	723	6	6	14	<5	34	90
			94789	154.8	157.9	3.1	100	6	0.5	18	<2	<1	6	15	6	2.56	708	<1	4	11	<5	28	86
			94790	157.9	160.9	3.0	100	<5	0.6	15	<2	<1	5	19	7	2.59	660	<1	4	13	<5	33	79
		151.8-154.1m coarse fragmental andesite dark green, feldspar porphyritic.	94791	160.9	164.0	3.1	100	18	0.6	21	<2	<1	9	27	12	3.22	719	2	8	14	7	36	79
			94792	164.0	167.0	3.0	90	13	0.8	15	<2	<1	5	27	5	2.93	744	2	4	15	<5	32	73
			94793	167.0	169.6	2.6	70	12	<0.5	8	<2	<1	3	20	4	3.08	826	1	3	21	<5	28	69
		161.4-165.5m andesite breccia/lapilli tuff? shattered core with abundant clay gouge over about 40% of the interval.																					
		165.5-169.6m partly fragmented feldspar porphyritic andesite, drusy calcite healing microfractures.																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		less than 0.1% pyrite as disseminations and coating on fracture surfaces.																					
		gradational contact over 10cm to ...																					
169.6	174.6	Porphyritic Intermediate Volcanic																					
		buff to grey-green, partly bleached	94794	169.6	172.6	3.0	100	9	<0.5	<5	<2	<1	3	16	2	2.57	674	<1	<1	18	<5	26	65
		medium grained, feldspar porphyritic intermediate flow.	94795	172.6	174.6	2.0	90	6	<0.5	13	<2	<1	3	16	3	2.54	609	<1	4	19	<5	30	72
		resembles dyke/sill but there is lack of sharp intrusive contact.																					
		gradational transition over 25cm to ...																					
174.6	194.9	Feldspar Porphyritic Andesite / Intermediate Volcanic?																					
		medium grey-green, to locally buff.	94796	174.6	178.0	3.4		5	<0.5	<5	<2	<1	3	17	6	2.58	578	<1	<1	14	<5	33	73
			94797	178.0	181.0	3.0		21	0.5	9	<2	<1	4	19	3	2.44	559	<1	2	16	<5	33	65
		to 30% creamy feldspar phenocrysts	94798	181.0	184.1	3.1		7	<0.5	9	2	<1	4	17	3	2.57	589	1	4	15	<5	32	70
		euhedral to anhedral, 1-2mm on average.	94799	184.1	187.1	3.0		<5	<0.5	12	<2	<1	4	17	3	2.66	607	<1	<1	15	7	31	70
			94800	187.1	190.1	3.0		7	<0.5	<5	<2	<1	3	26	3	2.38	542	2	2	16	<5	26	58
		Less common, less than 5% chloritized mafic phenocrysts.																					
		matrix is medium to fine grained, hard, intermediate? in composition.																					
		weakly to moderately fractured.																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		generally less than 0.1% fine grained fracture-controlled pyrite.																					
		174.6-182.3m moderately brecciated core, iron-staining and chlorite on the surfaces, trend is 25-45 deg. to core axis.																					
		185.6-190.4m discontinuous intervals of shattered core with grey clay gouge.	98751	190.1	193.0	2.9		<5	0.7	<5	<2	<1	3	18	3	2.42	566	2	3	16	9	25	61
			98752	193.0	194.9	1.9	90	7	0.7	<5	<2	<1	4	23	3	2.71	580	4	3	17	6	27	72
		191.9-193.0m bleached to buff, some chlorite and iron-oxide stained fracture surfaces.																					
		193.0-194.9m partly fractured area with grey clay gouge.																					
		fractured contact over 10cm to ...																					
194.9	202.4	Lapilli Tuff (Andesite Breccia?)																					
		medium green to bleached to buff, coarse fragmental unit consisting of less than 0.5 to greater than 10cm in length subangular to subround clasts set in medium grained mafic ash groundmass.	98753	194.9	196.9	2.0	100	15	0.7	16	<2	<1	5	35	4	2.16	568	2	3	16	<5	22	49
			98754	196.9	198.9	2.0	100	20	0.8	82	3	<1	10	32	10	4.66	713	5	9	20	7	43	89
			98755	198.9	200.7	1.8	100	11	<0.5	<5	4	<1	3	20	3	1.85	549	4	2	11	<5	20	52
		more than 50% of this interval is intensely shattered and brecciated with well formed grey pyritic clay gouge.	98756	200.7	202.4	1.7	100	6	1.1	270	2	<1	19	33	20	6.43	199	2	14	21	8	36	75

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm

some strongly altered/bleached feldspar porphyritic andesite.

on average less than 0.5% fine grained pyrite dissemination, over short intervals up to 5%.

194.9-198.4 partly shattered andesite breccia with pyritic clay alteration.

up to 4% pyrite blebs and disseminations.

198.4-200.7m intensely shattered bleached to buff andesite, obliterated primary textures, some ghosts of feldspa phenocrysts.

hard, silicified?

200.7-202.4m grey pyritic clay altered lapilli tuff, weakly layered/bedded at 70 deg. to core axis.

discontinuously shattered core with abundant clay gouge, forms about 25% of this interval.

up to 10% very fine pyrite disseminations.

shattered contact to ...

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
202.4	211.2	Feldspar porphyritic Andesite																					
		medium grey-green and buff porphyritic with, to 25-30%, creamy/white feldspar phenocrysts, these are obliterated in bleached to buff interval.																					
		below 606.5m moderately fractured with pink drusy calcite filling fractures at 40-60 deg. to core axis.																					
		202.4-206.3 grey-green feldspar porphyritic andesite.	98757	202.4	205.4	3.0		<5	<0.5	12	<2	<1	7	21	5	2.94	602	4	2	11	<5	46	84
			98758	205.4	208.4	3.0		7	0.8	<5	<2	<1	5	21	6	2.65	585	2	3	11	<5	41	88
			98759	208.4	211.2	2.8		24	1.3	62	<2	<1	9	23	16	3.54	655	5	4	19	<5	32	81
		206.3-210.4m sharp contact at 55 deg. to core axis to creamy, strongly altered andesite with feldspar ghosts, fairly hard silicified?																					
		moderately brecciated with pink calcite and grey pyritic clay filling microfractures.																					
		210.4-211.5m sharp contact at 70 deg. to core axis to soft, grey, partly shattered interval of highly pyritized andesite?																					
		primary textures are obscured by pyritic clay alteration, some pink calcite filling cavities and microfractures.																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		up to 10-12% very fine grained pyrite disseminations.																					
		brecciated contact with dry gouge over 20cm to ...																					
211.2	220.3	Altered Andesite Breccia																					
		bleached to buff andesite breccia,	98760	212.2	215.5	3.2		13	<0.5	<5	<2	<1	3	47	3	1.29	298	5	2	19	<5	14	41
		consisting of creamy dominantly	98761	215.5	218.5	3.0		8	<0.5	<5	<2	<1	2	39	2	1.22	301	1	2	17	<5	13	36
		subangular fragments, poorly sorted,	98762	218.5	220.3	1.8		10	<0.5	18	<2	<1	5	49	5	1.87	374	4	7	16	<5	26	50
		less than 0.3 to greater than 12cm in diameter, set in creamy to purple andesite? matrix.																					
		core is moderately competent.																					
		fault contact to ...																					
220.2	137.0	FAULT ZONE / Andesite Breccia (lapilli tuff?) and Andesite																					
		intensely brecciated and shattered zone,																					
		fault / shear zone.	98763	220.2	223.0	2.8	90	12	0.7	29	<2	<1	10	32	26	3.22	701	4	16	10	5	34	78
			98764	223.0	226.0	3.0		17	<0.5	13	<2	<1	9	36	18	3.26	785	6	15	18	7	33	78
		buff and grey, strongly altered with	98765	226.0	228.5	2.5		38	1.0	137	<2	<1	5	40	18	4.00	1476	6	9	27	7	33	101
		almost completely obliterated primary	98766	228.5	231.0	2.5		93	<0.5	77	<2	<1	9	42	10	3.33	1051	<1	16	20	9	32	69
		textures.	98767	231.0	234.1	3.1		23	<0.5	31	<2	<1	13	37	175	3.59	1034	3	22	24	<5	31	62
			98768	234.1	237.0	2.9		16	<0.5	<5	<2	<1	10	33	69	3.10	721	3	11	13	<5	37	69
		host lithology is andesite and andesite breccia/lapilli tuff?																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		locally strongly brecciated with abundant pink drusy calcite filling open spaces and microfractures.																					
		typically 0.5-1.0% fine grained pyrite as disseminations and microfracture coatings.																					
		220.2-222.8m badly shattered, soft core, intense grey argillic alteration.																					
		222.8-225.0m bleached to buff andesite breccia/lapilli tuff,fairly massive and competent.																					
		intercalated with shattered and clay altered intervals, less than 0.5% pyrite disseminations.																					
		225.0-234.1m mostly intensely shattered core, abundant, grey pyritic clay alteration, large masses of pink, coarse drusy calcite healing complex network of microfractures.																					
		234.1-237.0m bleached to buff andesite with ghosts of feldspar phenocrysts, shattered and brecciated core.																					
		gradational contact over 10cm to ...																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
237.0	260.2	Porphyritic Andesite / Intermediate Volcanic																					
		grey-green locally bleached to buff, fine to medium grained.	98769	237.0	239.9	2.9		7	<0.5	<5	<2	<1	4	34	17	2.25	637	3	<1	12	5	17	41
			98770	239.9	242.9	3.0		7	<0.5	<5	<2	<1	6	41	10	2.47	544	<1	2	12	<5	20	33
		porphyritic with 20-30% anhedral to	98771	242.9	246.3	3.4		10	<0.5	<5	<2	<1	17	50	18	4.58	866	<1	10	8	6	76	80
		euhedral creamy feldspars.	98772	246.3	249.3	3.0		<5	<0.5	8	<2	<1	14	66	24	4.23	778	<1	12	15	<5	73	74
			98773	249.3	252.3	3.0		<5	<0.5	<5	<2	1	10	79	16	3.06	670	<1	19	13	<5	44	71
		locally to 10% white quartz in fills	98774	252.3	255.3	3.0		<5	<0.5	12	<2	<1	19	184	27	4.34	933	<1	36	15	6	98	72
		subround vesicles?, 1-3mm in diameter, and larger cavities.	98775	255.3	258.2	2.9		<5	<0.5	<5	7	<1	19	202	21	4.28	1044	<1	40	15	5	106	89
		rare narrow intervals of brecciated and shattered core, shear zones, to 60cm in length.																					
		generally weakly fractured with calcite and lesser quartz filling microfractures.																					
		up to 0.5% pyrite as fine disseminations.																					
		237.0-244.1m hard, strongly bleached to buff silicified feldspar porphyritic andesite.																					
		moderately fractured with calcite healing microfractures.																					
		to 0.5% pyrite disseminations.																					
		246.0-246.3m narrow shear zone,																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		shattered core with abundant grey clay gouge.																					
		248.8-257.6m poorly competent core, shattered over 70% of this interval.																					
		bleached/silicified? porphyritic andesite.																					
			98776	258.2	260.2	2.0		8	<0.5	<5	<2	<1	19	175	23	4.08	812	<1	39	16	<5	96	78
		some grey clay alteration is associated with areas of brecciation, less than 0.3% pyrite.																					
		259.7-260.2m shattered and brecciated core up to 1-2% pyrite as fine disseminations and microfracture filling.																					
260.2	266.7	Andesite Breccia																					
		green to apple-green andesite breccia,																					
		fragment-supported with, to 70%,	98777	260.2	262.2	2.0		35	<0.5	10	<2	<1	21	187	36	4.59	718	<1	47	27	<5	98	72
		subangular fragments in mafic, medium	98778	262.2	264.7	2.5		10	<0.5	40	<2	<1	15	84	18	3.43	631	<1	19	28	<5	76	60
		grained groundmass.	98779	264.7	266.7	2.0		10	<0.5	38	<2	<1	14	60	13	3.48	720	<1	8	16	<5	85	78
		matrix is locally extensively epidotized and partly chloritized, also fragments?/ phenocrysts are altered to epidote.																					
		red iron-oxide staining on fracture surfaces.																					
		less than 0.5% fine grained pyrite																					

Hole DDH-165-10

Interval (m) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		disseminations and blebs brecciated contact over 15cm to ...																					
266.7	276.8	Porporphyritic Intermediate Volcanic																					
		grey-green, medium grained.	98780	266.7	269.7	3.0		<5	<0.5	<5	<2	<1	12	73	27	3.55	718	<1	17	6	<5	85	69
			98781	269.7	272.8	3.1		<5	<0.5	<5	<2	<1	11	74	22	3.40	661	<1	15	7	<5	79	66
		porphyritic with, to 70%, euhedral to anhedral creamy feldspar and 10% chloritized hornblende phenocrysts.	98782	272.8	275.4	2.6		<5	<0.5	14	<2	<1	12	66	18	3.20	633	<1	12	<5	<5	67	71
		iron stained fracture surfaces.																					
		minor epidote-calcite veinlets and epidote coating fractures at 25-50 deg. to core axis.																					
		trace of pyrite.																					
		moderately competent core, rare shattered sections with clay gouge.																					
		276.8m EOH.																					

Discovery Consultants

Drill Log

Co-Ords: 15N/800W

Azimuth: Vertical
Dip: -90 deg
Elevation:

Length: 100m
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC88-13
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Oct. 1/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	80	Overburden																					
80	190	Andesite 100% light-medium grey, very fine grained, soft, argillaceous in part, occasional silification, altered, bleached, occasional small white feldspar crystal, abundant pyrite, occasional epidote, occasional brown hematite stain.	RC-88-13 01	80	85	5		16	<0.5	213	<2	<1	17	35	18	4.65	215	<1	32	17	<5	13	63
			RC-88-13 02	85	90	5		12	<0.5	174	<2	<1	18	66	19	4.45	569	<1	28	15	<5	31	64
			RC-88-13 03	90	95	5		5	<0.5	196	<2	<1	17	41	16	4.48	408	<1	27	16	<5	18	68
			RC-88-13 04	95	100	5		32	<0.5	171	<2	<1	15	42	16	4.97	343	<1	24	15	<5	14	172
			RC-88-13 05	100	105	5		9	<0.5	223	<2	1	17	35	17	4.64	300	<1	29	15	<5	16	65
			RC-88-13 06	105	110	5		<5	<0.5	148	<2	<1	16	40	12	4.30	396	<1	27	12	6	14	60
			RC-88-13 07	110	115	5		10	<0.5	198	<2	<1	16	38	17	5.35	351	<1	27	16	<5	18	110
			RC-88-13 08	115	120	5		21	<0.5	187	<2	<1	16	56	22	5.56	304	<1	25	24	7	16	61
			RC-88-13 09	120	125	5		12	<0.5	177	<2	<1	18	41	20	4.16	531	<1	29	23	<5	20	60
			RC-88-13 10	125	130	5		7	<0.5	182	<2	<1	18	50	17	4.28	523	5	28	20	<5	19	53
			RC-88-13 11	130	135	5		10	<0.5	243	<2	1	18	47	19	4.66	624	3	29	24	<5	20	47
			RC-88-13 12	135	140	5		7	<0.5	223	<2	<1	16	59	12	3.66	732	<1	23	19	<5	24	64
			RC-88-13 13	140	145	5		<5	<0.5	137	<2	1	15	87	12	3.87	1030	1	23	61	<5	37	507
			RC-88-13 14	145	150	5		<5	<0.5	124	<2	<1	14	103	11	3.39	1028	<1	24	20	<5	42	132
			RC-88-13 15	150	155	5		8	<0.5	130	<2	<1	18	45	16	5.33	332	4	31	25	8	24	63
			RC-88-13 16	155	160	5		10	<0.5	264	<2	<1	18	59	17	5.54	287	17	32	25	5	26	89
			RC-88-13 17	160	165	5		6	<0.5	435	3	1	16	98	13	4.61	676	1	29	19	<5	50	120
			RC-88-13 18	165	170	5		<5	<0.5	134	<2	<1	14	99	20	3.86	880	<1	25	19	<5	71	248

Hole No.: RC-88-13 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC-88-13 19	170	175	5		<5	<0.5	119	2	<1	20	51	46	5.05	514	<1	36	23	<5	47	92
			RC-88-13 20	175	180	5		7	<0.5	71	<2	<1	23	175	28	4.81	911	<1	44	22	<5	80	125
			RC-88-13 21	180	185	5		7	<0.5	213	<2	1	18	91	13	4.68	626	2	20	25	<5	64	81
190	245	Andesite 100% medium olive green-grey, occasional bright olive green, aphanitic matrix, occasional abundant small (<1mm) white feldspar crystal, occasional soft olivine?, epidote ?, crystal, abundant calcite veinlets, occasional amygdules filled with calcite, bleached in part, fair pyrite. ie (interbedded amygdaloidal and porphyritic andesite).	RC-88-13 22	185	190	5		9	<0.5	76	<2	<1	16	94	14	3.89	676	<1	18	9	<5	66	75
			RC-88-13 23	190	195	5		<5	<0.5	33	<2	<1	16	80	7	3.46	718	<1	15	<5	<5	57	70
			RC-88-13 24	195	200	5		247	<0.5	107	<2	<1	18	89	12	4.95	551	3	21	17	<5	56	69
			RC-88-13 25	200	205	5		10	<0.5	57	<2	<1	18	89	11	4.44	660	1	19	14	<5	59	63
			RC-88-13 26	205	210	5		9	<0.5	84	<2	<1	16	101	9	4.44	788	<1	23	16	<5	64	68
			RC-88-13 27	210	215	5		9	<0.5	80	<2	<1	18	103	21	4.25	842	<1	23	16	<5	64	63
			RC-88-13 28	215	220	5		<5	<0.5	82	<2	<1	16	101	10	4.28	927	<1	20	15	<5	63	82
			RC-88-13 29	220	225	5		5	<0.5	109	<2	<1	16	103	7	4.32	896	<1	20	13	<5	72	74
			RC-88-13 30	225	230	5		14	<0.5	86	<2	<1	16	92	7	3.83	716	<1	18	12	<5	63	59
			RC-88-13 31	230	235	5		<5	<0.5	45	<2	<1	17	92	39	4.10	868	<1	20	12	<5	78	77
			RC-88-13 32	235	240	5		12	<0.5	42	<2	<1	18	84	9	4.18	1057	<1	19	15	<5	61	89
			RC-88-13 33	240	245	5		10	<0.5	30	<2	<1	13	87	7	3.81	1166	<1	14	10	<5	74	69
245	255	As above, jointed, faulted, abundant calcite filled veins.	RC-88-13 34	245	250	5		11	<0.5	21	<2	<1	14	90	6	3.58	982	<1	16	15	<5	73	67
255	320	Andesite tuff 100% dark olive green rounded grains surrounded by medium olive green, very fine grained matrix and numerous fragments, crystals, vug fillings of bright lime green, green-yellow soft mineral (olivine?), fair pyrite.	RC-88-13 35	250	255	5		133	<0.5	11	<2	<1	14	96	4	3.80	819	<1	16	41	<5	99	81
			RC-88-13 36	255	260	5		5	<0.5	<5	3	<1	15	93	6	3.56	750	<1	16	21	<5	80	67
			RC-88-13 37	260	265	5		10	<0.5	15	<2	<1	14	92	7	3.25	701	<1	15	17	<5	69	63
			RC-88-13 38	265	270	5		7	<0.5	12	<2	<1	16	97	10	3.31	601	<1	16	14	<5	66	67
			RC-88-13 39	270	275	5		<5	<0.5	9	<2	<1	15	93	4	3.48	732	<1	16	<5	<5	70	78
			RC-88-13 40	275	280	5		<5	<0.5	27	<2	<1	14	96	8	3.36	656	<1	15	8	<5	63	80
			RC-88-13 41	280	285	5		<5	<0.5	17	<2	<1	14	97	8	3.06	732	<1	13	6	<5	72	86
			RC-88-13 42	285	290	5		7	<0.5	16	<2	<1	15	92	4	2.94	749	<1	17	8	<5	62	112
			RC-88-13 43	290	295	5		9	<0.5	12	<2	<1	15	87	9	3.25	842	<1	18	24	<5	56	107
			RC-88-13 44	295	300	5		5	<0.5	16	<2	<1	15	89	22	3.78	913	<1	17	33	<5	51	119
			RC-88-13 45	300	305	5		14	<0.5	20	<2	<1	14	77	9	3.64	839	<1	17	69	<5	57	194
			RC-88-13 46	305	310	5		6	<0.5	18	<2	<1	15	96	11	3.50	856	<1	16	19	<5	82	114
			RC-88-13 47	310	315	5		10	<0.5	18	<2	<1	17	83	41	3.84	1595	<1	19	10	<5	79	255

Hole No.: RC-88-13 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
320	330	Andesite 100% medium grey, altered, bleached, argillized, minor pyrite.	RC-88-13 48	315	320	5		14	<0.5	128	<2	<1	21	37	19	5.84	362	<1	29	25	<5	21	45
			RC-88-13 49	320	325	5		<5	<0.5	108	<2	<1	20	76	12	5.73	333	<1	23	17	<5	51	47
			RC-88-13 50	325	330	5		<5	<0.5	31	<2	<1	20	96	11	5.58	394	<1	25	13	<5	78	71

Discovery Consultants

Drill Log

Co-ords: 12N/860W

Azimuth: Vertical
Dip: -90 deg
Elevation:

Length: 120m
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC88-14
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Oct. 2/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	15	Overburden																					
15	50	Andesite Tuff 100% light grey, mustard yellow, bleached, altered, argillized, abundant altered chlorite, olivine?	RC-88-14 01	15	20	5		6	1.7	31	<2	<1	2	69	4	1.45	64	2	3	23	<5	9	7
			RC-88-14 02	20	25	5		7	1.8	40	<2	<1	<1	58	2	1.12	42	<1	2	43	<5	7	4
			RC-88-14 03	25	30	5		6	1.7	31	<2	<1	1	45	2	0.97	33	1	3	73	<5	5	3
			RC-88-14 04	30	35	5		9	1.5	45	<2	<1	<1	60	2	1.65	19	4	1	38	<5	4	2
			RC-88-14 05	35	40	5		5	1.7	33	<2	<1	<1	40	3	1.56	36	2	<1	37	<5	4	5
			RC-88-14 06	40	45	5		13	0.6	85	2	<1	11	62	6	4.10	281	3	6	36	<5	23	52
			RC-88-14 07	45	50	5		18	<0.5	80	4	<1	20	65	13	5.87	297	3	19	44	<5	21	60
50	80	Intermediate volcanic porphyry 100% medium grey, yellow-brown grey-green, bleached altered, soft, talc texture, argillized with abundant pyrite, occasional small white feldspar crystal remnants.	RC-88-14 08	50	55	5		10	<0.5	42	2	<1	22	77	14	5.73	146	4	25	22	<5	15	30
			RC-88-14 09	55	60	5		15	<0.5	36	2	<1	24	100	15	6.18	41	3	22	17	<5	14	11
			RC-88-14 10	60	65	5		11	<0.5	21	2	<1	20	48	16	5.92	190	1	15	36	<5	12	53
			RC-88-14 11	65	70	5		6	<0.5	59	4	<1	18	57	16	5.46	334	<1	10	36	<5	25	65
			RC-88-14 12	70	75	5		6	<0.5	36	3	<1	22	46	34	6.43	557	<1	10	40	<5	28	84
			RC-88-14 13	75	80	5		15	<0.5	59	3	<1	20	51	10	5.67	637	2	7	58	<5	31	179
80	140	Intermediate volcanic porphyry 100% medium-light grey, bleached, altered, argillized, occasional	RC-88-14 14	80	85	5		19	<0.5	75	<2	<1	20	68	6	5.49	948	3	10	28	<5	54	146
			RC-88-14 15	85	90	5		7	<0.5	31	<2	<1	19	108	18	5.53	1516	<1	7	20	<5	101	152
			RC-88-14 16	90	95	5		14	<0.5	81	<2	<1	22	67	11	5.65	1340	2	9	19	<5	81	147

Hole No.: RC-88-14 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		clear, white quartz vein, abundant disseminated pyrite and pyrite veinlets, void fillings.	RC-88-14 17	95	100	5		13	<0.5	54	<2	<1	19	57	8	4.91	1443	3	8	30	<5	54	192
			RC-88-14 18	100	105	5		7	<0.5	106	2	<1	23	57	12	6.11	2111	<1	10	22	<5	58	224
			RC-88-14 19	105	110	5		8	<0.5	63	<2	<1	26	30	23	6.25	1352	3	10	41	<5	28	239
			RC-88-14 20	110	115	5		11	<0.5	39	<2	<1	32	33	9	7.03	854	2	12	33	<5	12	143
			RC-88-14 21	115	120	5		10	<0.5	8	<2	<1	27	32	8	5.89	1700	1	12	23	<5	16	128
			RC-88-14 22	120	125	5		11	<0.5	25	<2	<1	23	45	9	5.67	999	<1	10	22	<5	21	149
			RC-88-14 23	125	130	5		12	<0.5	19	3	<1	26	36	13	6.33	1131	<1	10	32	<5	26	167
			RC-88-14 24	130	135	5		21	<0.5	29	<2	<1	23	36	12	6.44	1381	<1	10	34	<5	30	158
			RC-88-14 25	135	140	5		13	<0.5	28	<2	<1	20	59	9	5.53	1594	<1	8	23	<5	48	143
140	160	Intermediate volcanic porphyry 100% medium olive green, hard, jointed, silicified, abundant disseminated pyrite.	RC-88-14 26	140	145	5		15	<0.5	15	<2	<1	20	79	15	5.28	2134	<1	9	6	<5	98	141
			RC-88-14 27	145	150	5		6	<0.5	42	<2	<1	20	77	17	5.30	1905	<1	8	8	<5	115	134
160	215	Andesite Tuff fine 100% light-medium grey, bleached, altered, argillized, soft, abundant disseminated pyrite and void fillings.	RC-88-14 28	150	155	5		13	<0.5	61	<2	<1	20	39	7	5.51	1444	1	7	18	<5	56	107
			RC-88-14 29	155	160	5		28	<0.5	492	<2	1	23	44	28	8.11	1004	14	10	48	<5	26	134
			RC-88-14 30	160	165	5		17	<0.5	117	<2	<1	24	29	14	6.60	1058	2	9	18	<5	28	117
			RC-88-14 31	165	170	5		11	<0.5	99	<2	<1	20	43	11	5.31	988	1	7	25	<5	35	104
			RC-88-14 32	170	175	5		15	<0.5	82	6	<1	19	44	13	5.13	913	1	10	10	<5	30	78
			RC-88-14 33	175	180	5		26	<0.5	69	<2	<1	19	41	13	5.03	763	<1	7	7	<5	19	81
			RC-88-14 34	180	185	5		17	<0.5	43	3	<1	19	31	19	5.66	975	<1	8	<5	<5	26	93
			RC-88-14 35	185	190	5		20	<0.5	104	<2	<1	22	53	11	6.39	553	1	10	10	<5	20	68
			RC-88-14 36	190	195	5		16	<0.5	101	<2	<1	26	42	10	6.73	398	<1	12	9	<5	13	56
			RC-88-14 37	195	200	5		12	<0.5	168	<2	<1	28	76	15	6.81	595	1	13	13	<5	15	60
			RC-88-14 38	200	205	5		18	<0.5	170	<2	<1	19	54	10	5.37	919	<1	8	6	<5	34	81
			RC-88-14 39	205	210	5		42	<0.5	182	<2	<1	20	68	16	5.88	485	<1	10	14	<5	15	45
			RC-88-14 40	210	215	5		39	<0.5	165	<2	<1	17	48	10	5.67	638	1	8	16	<5	16	48
215	290	Andesite tuff 100% fine light-medium grey, hard, brittle, bleached, altered silicified, very abundant pyrite as void fillings, veinlets.	RC-88-14 41	215	220	5		27	<0.5	176	<2	<1	18	50	9	5.50	788	<1	8	19	<5	23	65
			RC-88-14 42	220	225	5		32	<0.5	224	<2	<1	17	49	12	6.47	848	<1	11	18	<5	16	66
			RC-88-14 43	225	230	5		96	<0.5	385	2	<1	17	44	19	8.26	805	2	10	20	<5	17	57
			RC-88-14 44	230	235	5		128	<0.5	386	3	<1	16	28	21	7.76	785	2	9	19	<5	14	39

Hole No.: RC-88-14 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC-88-14 45	235	240	5		114	<0.5	320	<2	1	18	33	19	7.36	1008	4	8	27	<5	17	79
			RC-88-14 46	240	245	5		59	<0.5	287	4	<1	23	24	19	6.91	1045	7	10	16	<5	21	57
			RC-88-14 47	245	250	5		122	<0.5	363	2	1	28	27	20	9.91	632	34	12	16	<5	13	39
			RC-88-14 48	250	255	5		55	<0.5	206	4	<1	27	40	15	7.20	970	10	18	20	<5	41	112
			RC-88-14 49	255	260	5		14	<0.5	120	4	<1	23	57	9	5.96	1067	1	10	17	<5	70	95
			RC-88-14 50	260	265	5		18	<0.5	86	<2	<1	22	64	12	6.02	899	5	10	17	<5	67	83
			RC-88-14 51	265	270	5		12	<0.5	59	5	<1	20	65	9	6.02	902	<1	9	23	<5	79	96
			RC-88-14 52	270	275	5		17	<0.5	75	<2	<1	27	52	17	6.19	730	14	12	12	<5	51	59
			RC-88-14 53	275	280	5		15	<0.5	125	2	<1	45	54	14	6.45	900	62	19	10	<5	53	61
			RC-88-14 54	280	285	5		14	<0.5	83	<2	<1	33	45	14	6.47	868	16	16	8	<5	46	60
			RC-88-14 55	285	290	5		27	<0.5	105	<2	<1	27	37	12	7.01	781	27	13	6	<5	36	48
290	385	Andesite tuff fine 100% as above less silicified, argillized in part abundant pyrite with cubes striated (4mm) (spl 68 especially).	RC-88-14 56	290	295	5		35	<0.5	82	6	<1	19	32	11	5.92	646	3	7	6	<5	30	38
			RC-88-14 57	295	300	5		107	<0.5	94	<2	<1	18	32	10	5.17	691	<1	6	<5	<5	29	35
			RC-88-14 58	300	305	5		24	<0.5	52	6	<1	20	42	9	5.77	681	<1	11	28	<5	27	63
			RC-88-14 59	305	310	5		18	<0.5	51	<2	<1	21	35	12	6.61	718	<1	10	18	<5	24	57
			RC-88-14 60	310	315	5		11	<0.5	56	<2	<1	23	37	19	6.25	820	2	9	32	<5	25	82
385	395TD	Intermediate volcanic porphyry 100% light grey green, bleached, hard, well silicified, abundant pyrite, stuck at 375 due to fault breccia collapse.	RC-88-14 61	315	320	5		15	<0.5	68	<2	<1	25	36	20	7.15	508	1	9	34	<5	17	71
			RC-88-14 62	320	325	5		19	<0.5	54	2	<1	18	48	9	5.67	764	<1	7	12	<5	18	56
			RC-88-14 63	325	330	5		17	<0.5	68	<2	<1	20	43	8	5.84	1076	<1	7	22	<5	35	85
			RC-88-14 64	330	335	5		14	<0.5	54	<2	<1	22	51	8	5.58	958	<1	7	19	<5	52	70
			RC-88-14 65	335	340	5		20	<0.5	39	<2	<1	22	58	9	5.40	1033	<1	9	14	<5	76	66
			RC-88-14 66	340	345	5		14	<0.5	137	<2	<1	25	21	14	6.53	683	6	10	21	<5	31	64
			RC-88-14 67	345	350	5		15	<0.5	141	<2	<1	21	32	11	6.77	719	5	7	6	<5	21	53
			RC-88-14 68	350	355	5		30	<0.5	82	5	2	17	40	230	8.41	2246	5	9	182	<5	14	561
			RC-88-14 69	355	360	5		10	0.9	41	<2	<1	9	41	15	3.94	1399	3	4	6	<5	10	29
			RC-88-14 70	360	365	5		12	<0.5	56	4	<1	21	15	9	6.68	668	26	8	7	<5	17	39
			RC-88-14 71	365	370	5		7	<0.5	45	5	<1	22	31	11	7.87	578	11	9	23	<5	20	39
			RC-88-14 72	370	375	5		<5	<0.5	53	3	<1	20	16	12	7.12	682	<1	6	17	<5	23	39
			RC-88-14 73	375	380	5		<5	<0.5	49	8	<1	21	34	10	8.14	733	2	6	12	<5	32	48
			RC-88-14 74	380	385	5		<5	<0.5	27	<2	<1	20	37	10	7.03	937	1	6	5	<5	50	61
			RC-88-14 75	385	390	5		<5	<0.5	23	<2	<1	22	57	16	6.55	1482	17	8	6	<5	76	90
			RC-88-14 76	390	395	5		<5	<0.5	5	4	<1	20	46	23	5.70	2092	<1	6	28	<5	82	97

Discovery Consultants

Drill Log

Co-Ords: 12N/825W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 120m
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC88-15
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Oct. 4/ 1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	10	Overburden.																					
10	80	Andesite tuff and intermediate volcanic porphyry interbeds 100%, fine grained weathered (10-20') altered, bleached, argillized well silicified and pyritized.	RC-88-15 01	10	15	5		<5	<0.5	24	4	<1	6	68	11	3.26	156	3	7	38	<5	26	42
			RC-88-15 02	15	20	5		6	<0.5	22	<2	<1	8	44	8	3.46	128	3	8	43	<5	18	117
			RC-88-15 03	20	25	5		<5	<0.5	21	<2	<1	8	45	5	3.18	224	5	9	34	<5	24	129
			RC-88-15 04	25	30	5		<5	<0.5	12	2	<1	7	44	6	2.80	174	2	6	33	<5	20	103
			RC-88-15 05	30	35	5		7	<0.5	31	<2	<1	7	30	6	2.89	254	<1	6	25	<5	14	83
			RC-88-15 06	35	40	5		5	<0.5	18	4	<1	8	26	7	2.55	396	1	6	28	<5	13	93
			RC-88-15 07	40	45	5		<5	0.6	28	<2	<1	6	30	6	2.17	410	1	6	28	<5	12	98
			RC-88-15 08	45	50	5		<5	<0.5	25	<2	<1	7	42	4	2.28	423	<1	7	37	<5	12	109
			RC-88-15 09	50	55	5		<5	<0.5	23	<2	<1	7	43	6	2.46	406	3	6	46	<5	13	144
			RC-88-15 10	55	60	5		<5	<0.5	10	<2	1	7	40	3	2.41	546	2	7	32	<5	14	265
			RC-88-15 11	60	65	5		5	0.8	19	<2	1	7	45	3	2.58	199	3	7	87	<5	11	168
			RC-88-15 12	65	70	5		18	0.6	23	<2	2	9	64	6	2.62	72	2	6	121	<5	6	215
			RC-88-15 13	70	75	5		9	0.5	19	<2	<1	5	50	1	2.45	340	1	5	52	<5	13	120
			RC-88-15 14	75	80	5		5	0.5	9	<2	<1	5	36	1	2.29	507	<1	4	49	<5	17	105
80	120	Tuff and intermediate volcanic 100% as above, extensive limonite staining and alteration, abundant pyrite.	RC-88-15 15	80	85	5		5	<0.5	21	<2	<1	6	42	4	2.98	349	<1	7	37	<5	23	79
			RC-88-15 16	85	90	5		11	<0.5	15	<2	<1	6	59	3	3.08	516	2	8	34	<5	30	70
			RC-88-15 17	90	95	5		11	0.6	10	<2	<1	4	38	2	2.28	491	<1	5	42	<5	25	74

Hole No.: RC-88-15

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC-88-15 18	95	100	5		16	<0.5	12	<2	<1	5	58	2	2.46	682	2	6	52	<5	28	71
			RC-88-15 19	100	105	5		8	0.5	<5	<2	<1	5	41	2	2.25	787	<1	5	34	<5	24	83
			RC-88-15 20	105	110	5		<5	<0.5	22	<2	<1	5	60	2	2.47	382	<1	5	43	<5	22	112
			RC-88-15 21	110	115	5		6	<0.5	21	<2	<1	5	71	4	2.53	245	<1	4	58	<5	14	81
			RC-88-15 22	115	120	5		12	<0.5	15	<2	<1	4	57	2	2.22	197	5	3	48	<5	9	74
			RC-88-15 23	120	125	5		5	<0.5	21	<2	<1	6	58	2	2.29	67	5	5	40	<5	5	119
120	270	Intermediate volcanic porphyry 100% light grey, light green-grey, bleached, argillized, well silicified, abundant pyrite, occasional small white feldspar crystal.	RC-88-15 24	125	130	5		<5	0.5	32	<2	<1	7	74	4	2.73	45	12	5	81	<5	4	44
			RC88-15 25	130	135	5		41	<0.5	18	<2	<1	8	91	27	3.17	39	26	8	93	<5	3	96
			RC88-15 26	135	140	5		63	<0.5	13	4	1	7	37	19	2.46	156	13	6	31	<5	4	112
			RC88-15 27	140	145	5		18	<0.5	15	<2	<1	7	73	5	2.47	140	1	6	23	<5	6	31
			RC88-15 28	145	150	5		21	<0.5	15	5	<1	7	52	4	2.85	182	<1	4	20	<5	10	20
			RC88-15 29	150	155	5		11	<0.5	14	<2	<1	6	62	3	2.19	91	1	5	19	<5	4	2
			RC88-15 30	155	160	5		9	<0.5	8	<2	<1	4	63	10	1.69	39	<1	4	19	<5	2	<1
			RC88-15 31	160	165	5		8	<0.5	8	<2	<1	6	64	6	2.44	166	1	5	18	<5	7	7
			RC88-15 32	165	170	5		9	<0.5	10	6	<1	6	65	3	2.25	177	11	5	16	<5	8	6
			RC88-15 33	170	175	5		6	<0.5	13	2	<1	6	63	4	2.38	81	6	4	9	<5	4	1
			RC88-15 34	175	180	5		9	<0.5	15	3	<1	5	39	2	2.05	52	<1	4	9	<5	3	3
			RC88-15 35	180	185	5		9	0.7	8	<2	<1	5	57	3	2.20	158	1	4	27	<5	4	40
			RC88-15 36	185	190	5		5	0.7	11	5	1	6	43	2	2.41	269	2	4	34	<5	6	49
			RC88-15 37	190	195	5		6	<0.5	16	5	<1	6	60	3	2.99	297	6	5	20	<5	13	30
			RC88-15 38	195	200	5		8	<0.5	12	4	<1	7	53	3	2.77	368	<1	5	17	<5	23	33
			RC88-15 39	200	205	5		9	<0.5	27	<2	<1	7	73	3	2.47	425	1	4	23	<5	24	32
			RC88-15 40	205	210	5		10	<0.5	27	5	<1	7	78	3	2.91	476	<1	5	24	<5	22	27
			RC88-15 41	210	215	5		<5	<0.5	26	<2	<1	7	73	4	3.34	575	<1	5	26	<5	30	40
			RC88-15 42	215	220	5		6	<0.5	8	<2	<1	7	82	3	3.20	468	2	6	13	<5	37	34
			RC88-15 43	220	225	5		6	<0.5	<5	3	<1	7	74	5	3.00	421	7	20	16	<5	34	37
			RC88-15 44	225	230	5		9	<0.5	12	<2	<1	10	99	6	2.86	388	<1	7	20	<5	31	34
			RC88-15 45	230	235	5		16	<0.5	<5	<2	<1	10	78	6	2.64	447	<1	6	25	<5	19	37
			RC88-15 46	235	240	5		9	<0.5	<5	3	<1	7	80	5	2.81	516	4	7	21	<5	18	53
			RC88-15 47	240	245	5		8	<0.5	<5	<2	<1	7	82	5	3.15	473	2	8	31	<5	17	39
			RC88-15 48	245	250	5		12	0.6	9	4	<1	7	147	5	3.04	501	1	7	37	<5	13	44
			RC88-15 49	250	255	5		8	<0.5	12	2	<1	6	113	4	2.10	603	<1	5	31	<5	13	58

Hole No.: RC-88-15

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC88-15 50	255	260	5		<5	<0.5	13	<2	<1	5	102	21	2.20	431	2	5	47	<5	7	57
			RC88-15 51	260	265	5		7	<0.5	10	<2	<1	5	121	7	2.20	432	2	7	29	<5	5	44
			RC88-15 52	265	270	5		18	<0.5	25	2	<1	25	56	7	5.77	648	1	13	35	<5	53	73
		(occasional difficult drilling from voids and joints).	RC88-15 53	270	275	5		20	<0.5	33	5	<1	21	66	9	5.52	515	<1	10	21	<5	43	50
			RC88-15 54	275	280	5		17	<0.5	43	6	<1	19	46	9	5.97	508	<1	6	21	<5	40	46
			RC88-15 55	280	285	5		13	<0.5	26	6	<1	23	63	12	6.24	735	2	10	27	<5	43	56
270	345	Andesite tuff 100% medium grey, green, fine, ashy, altered, bleached, argillized, abundant pyrite, partly silicified. (Drilling stopped due to jointing and caving (fault zone).	RC88-15 56	285	290	5		32	<0.5	21	3	<1	22	66	10	5.96	939	<1	10	29	<5	57	68
			RC88-15 57	290	295	5		27	<0.5	18	7	<1	21	62	10	5.83	960	1	10	29	<5	46	64
			RC88-15 58	295	300	5		17	<0.5	22	<2	<1	20	67	10	5.29	1169	<1	13	21	<5	74	72
			RC88-15 59	300	305	5		16	<0.5	25	<2	<1	20	85	15	5.30	1305	1	9	20	<5	78	79
			RC88-15 60	305	310	5		17	<0.5	59	<2	<1	22	73	10	5.84	1067	<1	9	17	<5	69	55
			RC88-15 61	310	315	5		18	<0.5	16	2	<1	20	85	14	5.46	1068	<1	7	13	<5	83	46
			RC88-15 62	315	320	5		26	<0.5	25	<2	<1	19	72	12	4.70	888	4	11	21	<5	54	54
			RC88-15 63	320	325	5		35	<0.5	40	3	<1	27	83	9	5.70	804	5	12	16	<5	53	51
			RC88-15 64	325	330	5		29	<0.5	21	4	<1	38	66	10	5.44	1043	4	15	16	<5	57	75
			RC88-15 65	330	335	5		37	<0.5	121	9	2	52	88	14	6.14	1125	8	20	39	<5	80	83
			RC88-15 66	335	340	5		10	<0.5	<5	3	<1	20	65	15	5.31	802	<1	11	14	<5	84	42
			RC88-15 67	340	345	5		13	<0.5	18	6	<1	24	112	16	5.63	697	<1	10	13	<5	68	40

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 16N/800W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 485 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-10
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 24/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	10	Overburden																					
10	80	Feldspar dyke 100% weathered oxidized	RC88-10 01	10	15	5		5	<0.5	42	<2	<1	6	58	11	2.88	492	<1	8	30	<5	31	80
		zone, rusty, brown yellow-orange,	RC88-10 02	15	20	5		<5	<0.5	8	<2	<1	5	111	8	2.69	684	<1	9	26	<5	42	73
		orange-green, hard, silicified in	RC88-10 03	20	25	5		<5	<0.5	10	<2	<1	6	65	8	2.58	549	<1	8	19	<5	37	69
		part, occasional altered small	RC88-10 04	25	30	5		<5	<0.5	12	<2	<1	5	117	10	2.53	624	1	8	24	<5	39	64
		(<1mm) white feldspar crystal	RC88-10 05	30	35	5		66	<0.5	14	<2	<1	6	81	7	2.59	650	<1	8	19	<5	39	68
		minor pyrite, trace magnetite.	RC88-10 06	35	40	5		<5	<0.5	<5	<2	<1	5	137	8	2.35	528	1	8	21	<5	36	59
			RC88-10 07	40	45	5		<5	<0.5	14	<2	<1	5	77	8	2.25	528	<1	7	25	<5	32	58
			RC88-10 08	45	50	5		<5	<0.5	13	<2	<1	5	102	7	2.09	472	1	5	17	<5	31	51
			RC88-10 09	50	55	5		<5	<0.5	<5	<2	<1	4	59	6	2.03	476	<1	5	18	<5	29	53
			RC88-10 10	55	60	5		11	<0.5	<5	<2	<1	5	131	6	2.25	503	<1	6	18	<5	33	55
			RC88-10 11	60	65	5		<5	<0.5	7	<2	<1	5	86	7	2.35	519	<1	8	23	<5	31	53
			RC88-10 12	65	70	5		<5	<0.5	10	<2	<1	5	116	6	2.25	548	1	6	21	6	30	50
			RC88-10 13	70	75	5		15	<0.5	20	<2	<1	4	72	6	2.27	555	<1	6	24	<5	29	62
			RC88-10 14	75	80	5		<5	<0.5	9	<2	<1	4	119	7	2.35	487	<1	8	23	<5	38	59
80	90	Feldspar dyke 100% medium olive	RC88-10 15	80	85	5		<5	<0.5	6	<2	<1	5	78	6	2.31	466	<1	8	20	<5	38	59
		green, slightly altered, silicified,	RC88-10 16	85	90	5		15	<0.5	23	<2	<1	5	112	8	2.54	529	2	8	24	<5	36	63

Hole RC 88-10 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		hard, brittle, jointed, abundant pink and white feldspar phenocrysts, minor pyrite, fair magnetite.																					
90	105	Feldspar dyke 100% as above, but flesh coloured, altered in part, abundant pink feldspar phenocrysts.	RC88-10 17	90	95	5		23	<0.5	26	<2	<1	6	81	7	2.38	520	<1	7	29	<5	32	58
			RC88-10 18	95	100	5		23	<0.5	17	<2	<1	5	137	7	2.51	562	<1	7	23	<5	37	63
			RC88-10 19	100	105	5		9	<0.5	8	<2	<1	4	44	6	2.29	515	<1	6	18	7	40	55
105	145	Feldspar dyke 100% medium olive green, abundant pink feldspar phenocrysts, fair magnetite, minor pyrite.	RC88-10 20	105	110	5		<5	<0.5	10	<2	<1	5	70	6	2.48	525	<1	6	17	6	44	62
			RC88-10 21	110	115	5		<5	<0.5	<5	<2	<1	5	51	6	2.32	508	1	6	16	<5	37	62
			RC88-10 22	115	120	5		<5	<0.5	<5	<2	<1	5	66	7	2.54	599	<1	6	36	6	45	70
			RC88-10 23	120	125	5		8	<0.5	8	<2	<1	6	62	8	2.56	650	2	7	29	<5	43	66
			RC88-10 24	125	130	5		5	<0.5	7	<2	<1	5	56	6	2.54	771	2	6	18	<5	48	91
			RC88-10 25	130	135	5		5	<0.5	<5	<2	<1	5	50	5	2.43	764	3	6	16	5	48	98
			RC88-10 26	135	140	5		12	0.5	35	<2	<1	5	52	7	2.71	719	4	7	20	<5	51	105
			RC88-10 27	140	145	5		13	<0.5	15	<2	<1	6	52	5	2.61	776	4	6	20	6	48	134
145	160	Feldspar dyke 100% as above, medium grey-green, fewer pink feldspar phenocrysts, altered in part, fair pyrite, trace magnetite.	RC88-10 28	145	150	5		16	<0.5	7	<2	<1	6	54	6	2.56	954	5	8	22	<5	35	127
			RC88-10 29	150	155	5		14	<0.5	29	<2	<1	5	56	8	2.31	832	11	7	21	6	27	92
			RC88-10 30	155	160	5		9	<0.5	<5	<2	<1	6	41	5	2.29	1110	3	7	17	<5	29	91
160	180	Dyke 100% medium-light grey, soft, calcareous/pink calcite veins, fairly argillaceous and altered, abundant pyrite.	RC88-10 31	160	165	5		8	0.7	39	<2	<1	5	33	6	2.03	1714	2	4	24	6	16	75
			RC88-10 32	165	170	5		9	<0.5	23	<2	<1	7	23	8	2.68	887	5	8	17	6	16	222
			RC-88-10 33	170	175	5		8	<0.5	161	4	<1	16	42	45	4.85	145	3	89	14	7	10	23
			RC-88-10 34	175	180	5		<5	<0.5	58	7	<1	32	32	31	4.61	46	1	55	21	<5	10	7
180	190	Tuff 100% dark grey-green, soft flaky, altered, no phenocrysts, very heavily pyritized with veins and blebs of pyrite.	RC-88-10 35	180	185	5		9	<0.5	38	2	<1	23	23	21	5.48	29	<1	44	20	7	12	4
			RC-88-10 36	185	190	5		5	<0.5	93	<2	<1	26	27	22	6.75	139	<1	47	28	7	13	15

Hole RC 88-10 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
190	205	Dyke 100% light-medium grey, flesh colored, altered, fairly silicified, well pyritized with abundant red-maroon stained quartz. (appears fragmented and tuffaceous in part).	RC-88-10 37	190	195	5		6	<0.5	29	<2	<1	15	74	22	5.27	2024	<1	30	17	<5	30	135
			RC-88-10 38	195	200	5		6	<0.5	53	<2	<1	14	63	20	3.92	1419	<1	25	19	<5	26	100
			RC-88-10 39	200	205	5		5	0.5	29	3	<1	14	61	16	3.98	1342	<1	25	18	<5	31	96
205	250	Tuff 100% (fine lapilli, bright olive green, grainy texture, fine grained, fairly hard, slightly silicified, fair pyrite, slightly altered/dark green rounded grains of andesite cemented with light green silica, occasional rusty red blebs (may be partly fragmented re-cemented andesite sand).	RC-88-10 40	205	210	5		<5	<0.5	35	<2	<1	12	99	14	4.27	1295	5	22	11	<5	55	95
			RC-88-10 41	210	215	5		<5	<0.5	16	<2	<1	12	103	19	4.17	1330	<1	23	11	<5	53	83
			RC-88-10 42	215	220	5		<5	<0.5	21	4	<1	11	96	22	4.04	1407	6	22	20	<5	49	82
			RC-88-10 43	220	225	5		<5	<0.5	11	<2	<1	12	103	23	4.11	1428	<1	21	39	<5	52	80
			RC-88-10 44	225	230	5		<5	<0.5	62	2	<1	16	103	12	4.12	1410	<1	26	9	5	47	73
			RC-88-10 45	230	235	5		5	<0.5	46	<2	<1	17	98	11	3.83	1205	1	29	10	5	41	72
			RC-88-10 46	235	240	5		<5	<0.5	38	<2	<1	12	95	10	4.11	1144	<1	22	<5	<5	41	89
			RC-88-10 47	240	245	5		9	<0.5	83	3	<1	15	88	13	4.17	1140	2	27	8	5	38	90
			RC-88-10 48	245	250	5		5	<0.5	59	<2	<1	14	92	24	4.23	1307	1	25	5	<5	40	103
250	270	Dyke 100% multicoloured, flesh colored, light green, red, purple, very fine grained matrix, occasional white feldspar phenocryst, fair pyrite.	RC-88-10 49	250	255	5		7	0.7	57	<2	<1	16	62	9	4.40	1563	1	23	7	<5	34	101
			RC-88-10 50	255	260	5		<5	<0.5	66	<2	<1	16	63	16	4.42	1424	1	27	12	7	36	113
			RC-88-10 51	260	265	5		<5	0.6	35	<2	<1	13	63	19	3.24	1663	1	24	16	<5	37	131
			RC-88-10 52	265	270	5		<5	<0.5	20	<2	<1	12	60	8	4.54	2155	<1	19	8	<5	32	163
270	295	Tuff 100% dark grey-green, very fine grained matrix/occasional white feldspar phenocryst, fair pyrite fairly soft.	RC-88-10 53	270	275	5		<5	<0.5	135	<2	<1	18	30	13	3.98	509	2	30	27	7	9	35
			RC-88-10 54	275	280	5		<5	<0.5	107	3	<1	16	22	16	4.29	174	<1	28	14	8	7	8
			RC-88-10 55	280	285	5		<5	<0.5	184	<2	<1	21	18	21	4.76	143	<1	47	16	8	8	6
			RC-88-10 56	285	290	5		10	<0.5	240	<2	<1	25	24	22	4.75	157	2	50	23	9	14	38
			RC-88-10 57	290	295	5		<5	<0.5	219	<2	<1	26	43	19	4.98	361	15	53	26	9	20	61
295	375	Tuff 100% mottled medium-dark, olive green, dark green rounded grains with silica haloes, altered in part medium green void fillings,fair pyrite,	RC-88-10 58	295	300	5		<5	<0.5	88	4	<1	29	50	18	4.45	735	3	38	19	<5	25	67
			RC-88-10 59	300	305	5		<5	<0.5	121	<2	<1	21	60	10	4.23	1102	3	24	13	<5	30	61
			RC-88-10 60	305	310	5		<5	<0.5	87	<2	<1	17	59	12	5.18	1093	<1	26	14	<5	33	76
			RC-88-10 61	310	315	5		7	<0.5	176	3	<1	21	68	17	5.90	1508	4	30	22	<5	44	128

Hole RC 88-10 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		fragmental? (may be andesite tuff).	RC-88-10 62	315	320	5		<5	<0.5	68	2	<1	19	72	12	4.29	1124	1	23	16	<5	45	107
			RC-88-10 63	320	325	5		<5	<0.5	19	<2	<1	15	107	14	4.07	1567	<1	21	6	<5	83	156
			RC-88-10 64	325	330	5		<5	<0.5	21	<2	<1	15	94	10	4.07	1579	<1	17	12	<5	63	185
			RC-88-10 65	330	335	5		<5	<0.5	8	<2	<1	14	100	7	3.68	1013	<1	19	8	<5	72	130
			RC-88-10 66	335	340	5		<5	<0.5	21	<2	<1	13	105	5	3.87	828	<1	17	11	<5	69	105
			RC-88-10 67	340	345	5		5	<0.5	22	<2	<1	15	96	9	3.77	833	<1	17	8	<5	63	85
			RC-88-10 68	345	350	5		6	<0.5	84	<2	<1	15	98	9	4.29	796	<1	18	13	<5	61	89
			RC-88-10 69	350	355	5		5	<0.5	39	<2	<1	17	88	14	3.74	723	<1	18	11	<5	49	92
			RC-88-10 70	355	360	5		<5	<0.5	22	<2	<1	14	96	8	3.92	940	<1	18	9	<5	57	95
			RC-88-10 71	360	365	5		8	<0.5	46	<2	<1	17	100	12	4.55	1004	<1	18	11	6	52	114
			RC-88-10 72	365	370	5		9	0.5	39	<2	<1	16	87	15	4.30	982	<1	20	14	5	44	114
			RC-88-10 73	370	375	5		8	<0.5	31	3	<1	18	90	13	4.88	1024	<1	20	18	<5	55	108
375	405	Tuff 100% fine medium grey-green,	RC-88-10 74	375	380	5		11	<0.5	112	<2	<1	16	82	8	4.11	960	<1	18	17	<5	48	99
		dark green fragmental abundant	RC-88-10 75	380	385	5		17	<0.5	87	<2	<1	17	77	12	4.55	1048	<1	20	15	<5	50	81
		pyrite, silicified in part.	RC-88-10 76	385	390	5		89	<0.5	182	<2	<1	27	41	18	5.36	512	14	34	33	8	27	72
			RC-88-10 77	390	395	5		18	<0.5	78	<2	<1	17	56	21	5.27	1062	3	20	27	<5	36	251
			RC-88-10 78	395	400	5		12	<0.5	24	<2	1	19	100	27	5.08	1845	2	23	20	<5	57	379
			RC-88-10 79	400	405	5		6	<0.5	30	4	<1	18	102	24	5.18	1537	5	24	21	<5	52	136
405	440	Tuff 100% (ash tuff-very fine	RC-88-10 80	405	410	5		8	<0.5	49	6	<1	18	56	29	6.14	515	1	28	21	<5	33	51
		amorphous) medium grey-green,	RC-88-10 81	410	415	5		6	<0.5	47	3	<1	16	31	55	5.94	390	2	23	22	5	36	57
		altered, silicified, brittle, smooth	RC-88-10 82	415	420	5		5	<0.5	70	<2	<1	13	24	88	4.94	141	<1	18	19	<5	25	26
		texture, argillized, fair pyrite.	RC-88-10 83	420	425	5		7	<0.5	29	4	<1	14	45	45	5.36	333	<1	16	17	<5	42	48
			RC-88-10 84	425	430	5		5	0.6	23	3	<1	13	70	24	3.93	1240	<1	12	25	<5	41	187
			RC-88-10 85	430	435	5		7	<0.5	32	<2	2	22	64	38	2.83	1564	7	28	26	<5	43	598
			RC-88-10 86	435	440	5		11	<0.5	44	2	<1	22	82	27	3.72	1477	3	32	26	<5	41	209
440	470	Tuff 100% (fine lapilli) medium	RC-88-10 87	440	445	5		75	0.6	93	5	<1	13	48	10	3.84	878	<1	5	12	<5	28	60
		green, light grey-green, altered	RC-88-10 88	445	450	5		7	<0.5	14	<2	<1	12	41	9	3.81	1012	<1	8	13	<5	40	94
		bleached, fair pyrite, occasional	RC-88-10 89	450	455	5		8	<0.5	111	<2	<1	15	16	10	5.03	562	<1	7	23	<5	16	90
		dark green grain with silica	RC-88-10 90	455	460	5		14	<0.5	116	<2	<1	15	23	9	5.14	613	1	5	21	<5	22	117

Hole RC 88-10 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		haloes, argillized in part.	RC-88-10 91	460	465	5		11	<0.5	196	<2	<1	17	20	11	5.54	517	3	6	23	<5	25	60
			RC-88-10 92	465	470	5		23	<0.5	207	2	<1	17	34	14	4.94	771	3	7	24	<5	26	63
470	480	Tuff 100% dark olive green, hard, brittle, very fine grained, unaltered, fair pyrite.	RC-88-10 93	470	475	5		7	<0.5	9	3	<1	13	42	11	3.91	926	<1	6	10	<5	40	86
			RC-88-10 94	475	480	5		7	<0.5	<5	<2	<1	13	40	7	4.12	739	<1	7	6	<5	65	98
480	485 TD	Andesite 100% yellow, white bleached altered, chalky texture, trace pyrite, green clay clots. (hole ended-watered out).	RC-88-10 95	480	485	5		8	<0.5	<5	<2	<1	12	31	9	4.12	1004	<1	7	10	<5	58	115

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 16N/750W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 440 ft
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-9
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 22/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	45	Overburden																					
45	70	Intermediate volcanic porphyry 100%	RC-88-9 01	45	50	5		<5	<0.5	22	<2		6		4	2.63		5		18	<5		96
		weathered, oxidized rusty brown,	RC-88-9 02	50	55	5		7	<0.5	34	<2		7		3	3.07		4		28	<5		96
		limonitic, occasional hematite,	RC-88-9 03	55	60	5		<5	<0.5	37	<2		6		4	2.87		5		26	<5		87
		occasional light grey	RC-88-9 04	60	65	5		5	<0.5	44	<2		5		6	2.66		2		13	<5		76
		matrix/bleached white feldspar	RC-88-9 05	65	70	5		7	0.7	302	<2		12		13	3.81		10		19	13		52
		phenocrysts, trace pyrite.																					
70	105	Intermediate volcanic porphyry 100%	RC-88-9 06	70	75	5		7	0.9	430	2		13		24	5.97		14		30	10		87
		dark olive green, occasional bright	RC-88-9 07	75	80	5		6	0.8	313	2		15		20	4.41		3		16	11		81
		olive green, occasional small	RC-88-9 08	80	85	5		5	0.7	89	4		14		15	3.83		<1		12	6		81
		(<1mm) white feldspar phenocryst,	RC-88-9 09	85	90	5		7	<0.5	73	<2	<1	17	79	23	3.44	358	<1	35	18	7	35	64
		minor pyrite and magnetite	RC88-9 10	90	95	5		12	<0.5	133	<2	<1	21	74	19	3.58	359	<1	38	19	8	31	67
		occasional maroon stained quartz	RC88-9 11	95	100	5		<5	<0.5	<5	<2	<1	13	103	20	3.15	747	<1	27	12	6	54	60
		crystal and blebs, hard, brittle	RC88-9 12	100	105	5		<5	<0.5	<5	2	<1	14	144	15	4.38	1011	<1	28	13	<5	79	85
		hematitic.																					

Hole RC 88-9 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
105	160	Intermediate volcanic porphyry 80% as above. Intermediate volcanic porphyry 20% medium olive green, green-grey, abundant, white, euhedral feldspar crystals, occasional veinlet calcareous white quartz, silicified in part (as thin interbeds).	RC88-9 13	105	110	5		<5	<0.5	<5	<2	<1	14	131	21	4.30	1167	<1	28	12	8	78	86
			RC88-9 14	110	115	5		9	0.6	33	<2	<1	14	126	18	3.72	868	1	28	14	9	64	73
			RC88-9 15	115	120	5		9	<0.5	10	<2	<1	14	119	18	3.97	983	<1	27	11	<5	74	83
			RC88-9 16	120	125	5		7	<0.5	25	<2	<1	13	133	16	3.42	807	1	26	10	7	68	71
			RC88-9 17	125	130	5		<5	<0.5	109	<2	<1	16	133	20	4.26	865	2	29	17	8	73	83
			RC88-9 18	130	135	5		7	<0.5	31	<2	<1	13	120	82	3.59	814	<1	23	20	9	65	82
			RC88-9 19	135	140	5		<5	0.6	10	<2	<1	13	111	18	3.78	842	<1	26	8	7	64	87
			RC88-9 20	140	145	5		12	<0.5	48	<2	<1	17	131	18	3.82	878	2	30	16	7	60	90
			RC88-9 21	145	150	5		10	<0.5	22	<2	<1	11	113	17	4.01	1087	1	23	9	6	60	103
			RC88-9 22	150	155	5		13	<0.5	43	<2	<1	14	113	19	3.90	882	1	26	12	7	50	91
			RC88-9 23	155	160	5		32	<0.5	44	<2	<1	16	113	18	4.47	942	<1	28	12	6	54	95
160	170	Tuff (fine lapilli) 100% light grey-green, light grey grainy texture, bleached, occasional altered white feldspar phenocryst fair disseminated pyrite.	RC88-9 24	160	165	5		11	<0.5	80	<2	<1	18	115	14	3.86	697	2	33	14	6	39	83
			RC88-9 25	165	170	5		7	0.6	129	<2	<1	21	86	16	3.73	597	3	38	21	6	26	65
170	175	Tuff 80% as above. Basalt 20% dark rusty brown, brittle, hard, jointed, hematite stained.	RC88-9 26	170	175	5		<5	0.6	89	<2	<1	20	114	23	5.25	946	3	34	19	9	34	83
			RC88-9 27	175	180	5		<5	0.6	57	2	<1	16	93	21	4.40	887	2	31	19	<5	27	71
175	210	Tuff 100% light grey, grainy texture, bleached, fair disseminated pyrite, slightly calcareous.	RC88-9 28	180	185	5		6	<0.5	25	<2	<1	16	90	29	4.34	773	1	31	14	6	24	69
			RC88-9 29	185	190	5		8	0.7	30	<2	<1	16	78	19	4.20	1015	1	25	17	8	24	62
			RC88-9 30	190	195	5		10	0.6	42	<2	<1	18	83	17	4.67	870	7	29	29	6	22	52
			RC88-9 31	195	200	5		<5	<0.5	32	<2	<1	17	65	24	3.50	479	10	30	20	7	20	50
			RC88-9 32	200	205	5		5	<0.5	23	<2	<1	17	106	19	3.64	511	4	28	22	6	27	63
			RC88-9 33	205	210	5		<5	0.6	58	<2	<1	21	98	19	4.58	392	7	33	28	9	26	51
210	230	Tuff 60% light green, grey-green, bleached in part, grainy texture,	RC88-9 34	210	215	5		<5	<0.5	24	<2	<1	17	127	22	3.93	718	7	30	21	9	58	111
			RC88-9 35	215	220	5		10	<0.5	59	<2	<1	14	131	15	3.47	669	2	26	23	9	55	71

Hole RC 88-9 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		occasional ghost feldspar	RC88-9 36	220	225	5		6	<0.5	<5	<2	<1	15	149	16	3.69	850	1	26	15	6	76	91
		phenocryst, minor disseminated	RC88-9 37	225	230	5		9	0.9	76	<2	<1	17	146	16	3.47	722	3	31	30	10	46	75
		pyrite.																					
		Andesite 40% dark olive																					
		green, green-black, occasional																					
		white feldspar phenocryst, hard,																					
		brittle.																					
230	290	Tuff 100% medium grey-green, light	RC88-9 38	230	235	5		12	0.6	77	<2	<1	17	107	19	2.99	523	3	29	25	7	33	76
		green, light grey bleached in part,	RC88-9 39	235	240	5		8	<0.5	20	<2	<1	17	137	24	3.99	810	<1	29	17	6	60	104
		grainy texture, occasional altered	RC88-9 40	240	245	5		10	<0.5	17	<2	<1	15	95	18	3.30	528	<1	26	16	8	37	77
		feldspar phenocryst, minor pyrite,	RC88-9 41	245	250	5		7	<0.5	103	<2	<1	18	74	19	4.25	221	<1	31	18	5	25	58
		some hematite stain (may be	RC88-9 42	250	255	5		<5	<0.5	107	<2	<1	16	123	27	4.08	364	2	30	17	9	35	81
		interbedded intermediate volcanic	RC88-9 43	255	260	5		<5	0.5	131	<2	<1	17	90	19	4.90	537	1	30	21	7	29	89
		porphyry as well)	RC88-9 44	260	265	5		<5	0.7	103	<2	<1	16	93	28	4.16	713	<1	28	24	7	32	90
			RC88-9 45	265	270	5		<5	0.7	134	<2	<1	18	88	17	4.18	604	2	34	30	7	29	68
			RC88-9 46	270	275	5		5	<0.5	140	<2	<1	18	76	16	4.02	665	2	33	26	11	28	72
			RC88-9 47	275	280	5		7	<0.5	140	<2	<1	17	105	21	4.25	750	2	34	22	9	28	68
			RC88-9 48	280	285	5		7	0.7	163	<2	<1	20	67	21	5.19	276	3	34	29	13	27	47
			RC88-9 49	285	290	5		18	<0.5	195	<2	<1	23	71	16	4.23	272	2	34	26	11	25	45
290	325	Tuff 100% light olive green, medium	RC88-9 50	290	295	5		10	<0.5	41	<2	<1	21	91	16	4.98	641	2	27	22	6	36	62
		grey-green, bleached, altered,	RC88-9 51	295	300	5		<5	<0.5	10	<2	<1	19	102	12	4.55	885	<1	22	18	9	44	70
		partly silicified bright green	RC88-9 52	300	305	5		5	<0.5	<5	<2	<1	18	91	13	4.46	996	<1	21	12	<5	45	82
		epidote, grey quartz blebs in grey,	RC88-9 53	305	310	5		<5	0.5	<5	<2	1	18	97	13	5.37	1113	<1	21	10	5	49	90
		light green matrix with minor pyrite.	RC88-9 54	310	315	5		15	<0.5	185	3	<1	20	82	19	4.50	854	2	24	35	8	43	64
			RC88-9 55	315	320	5		12	<0.5	189	<2	<1	18	70	17	5.07	884	1	23	23	6	40	94
			RC88-9 56	320	325	5		9	<0.5	73	3	<1	25	94	19	5.88	974	<1	29	21	8	49	85
325	415	Andesite mottled 100% medium to-	RC88-9 57	325	330	5		<5	<0.5	<5	<2	2	14	105	18	4.53	1078	<1	21	13	<5	53	95
		dark olive green, dark maroon	RC88-9 58	330	335	5		<5	<0.5	<5	<2	2	15	108	17	4.92	1229	<1	21	14	7	54	92
		occasional white feldspar phenocryst,	RC88-9 59	335	340	5		<5	<0.5	<5	<2	<1	18	99	15	5.37	1364	<1	23	17	7	56	105

Hole RC 88-9 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		occasional maroon stained (hematite) quartz, occasional bright green alteration (zeolite) minor pyrite, trace magnetite, dark green chlorite.	RC88-9 60	340	345	5		<5	<0.5	<5	<2	1	18	106	14	4.39	1240	<1	24	-5	8	53	86
			RC88-9 61	345	350	5		<5	<0.5	<5	<2	<1	17	126	13	4.93	1186	<1	22	11	<5	79	96
			RC88-9 62	350	355	5		<5	<0.5	<5	<2	<1	18	123	12	4.70	1035	<1	24	15	6	80	87
			RC88-9 63	355	360	5		<5	<0.5	<5	<2	1	21	97	17	6.75	1299	<1	28	-5	8	61	102
			RC88-9 64	360	365	5		10	0.5	<5	<2	2	23	112	14	8.28	2086	<1	34	14	<5	81	136
			RC88-9 65	365	370	5		<5	0.7	<5	<2	1	24	91	17	6.13	1440	<1	32	22	11	60	110
			RC88-9 66	370	375	5		7	<0.5	<5	3	2	23	107	16	6.00	1425	<1	33	10	8	61	110
			RC88-9 67	375	380	5		7	<0.5	<5	4	1	25	100	20	7.69	1691	<1	38	6	5	61	106
			RC88-9 68	380	385	5		<5	0.8	<5	<2	2	23	118	21	9.79	2669	<1	36	-5	8	75	129
			RC88-9 69	385	390	5		7	<0.5	32	<2	<1	19	101	16	5.31	1119	<1	28	9	6	53	85
			RC88-9 70	390	395	5		<5	<0.5	6	<2	1	15	121	13	4.35	978	<1	21	14	7	95	77
			RC88-9 71	395	400	5		<5	<0.5	<5	<2	<1	15	109	13	3.92	870	<1	19	16	<5	83	74
			RC88-9 72	400	405	5		<5	<0.5	8	<2	<1	16	124	14	4.28	914	1	21	11	6	89	73
			RC88-9 73	405	410	5		<5	<0.5	<5	<2	<1	13	121	14	3.98	958	<1	18	9	7	81	71
			RC88-9 74	410	415	5		<5	<0.5	<5	<2	1	13	126	12	3.47	805	<1	19	8	<5	72	69
415	440TD	Andesite 100% mottled medium-dark olive green, light olive green (appears as dark olive green fragments cemented by bright grey-green epidote, altered with occasional haloes of pyrite crystals, fair pyrite, fairly silicified, abundant bright green olivine? chlorite?. (may be Andesite tuff). (Watered out at 440 - should go to 495).	RC88-9 75	415	420	5		<5	<0.5	<5	<2	<1	14	114	16	3.61	818	<1	19	11	7	62	72
			RC88-9 76	420	425	5		<5	0.6	<5	<2	<1	15	100	18	3.61	701	<1	17	10	6	50	71
			RC88-9 77	425	430	5		<5	<0.5	<5	<2	1	15	113	19	3.82	805	<1	21	5	<5	63	98
			RC88-9 78	430	435	5		<5	0.6	<5	<2	<1	11	116	9	3.34	819	<1	14	5	8	50	71
			RC88-9 79	435	440	5		<5	<0.5	<5	<2	1	13	111	25	3.87	877	<1	15	6	<5	54	87
			RC88-9 80	440	445	5		<5	<0.5	7	<2	<1	11	121	8	3.58	834	<1	18	9	6	51	70

Discovery Consultants

Drill Log

Co-Ords: 16N/850W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 150m (watered out @ 135m)
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC-88-11
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D,K. Robertson
Date Logged: Sept 27/88
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	SB ppm	V ppm	Zn ppm
0	10	Overburden																					
10	60	Feldspar dyke ? 100% (could be phase of porphyrytic Andesite but this contains abundant pink feldspar crystals). Medium olive green, fine-very fine grained matrix with abundant small pink feldspar crystals (elongated), hard, brittle, silicified, jointed with limonite, hematite stains, abundant magnetite, minor pyrite, slightly bleached.	RC88-11 01	10	15	5		6	<0.5	<5	<2	<1	5	88	9	2.23	529	<1	4	19	<5	32	54
			RC88-11 02	15	20	5		<5	<0.5	12	<2	<1	6	62	7	2.55	624	<1	5	17	<5	33	73
			RC88-11 03	20	25	5		<5	<0.5	<5	<2	<1	6	79	6	2.61	582	2	6	21	<5	28	89
			RC88-11 04	25	30	5		<5	<0.5	18	<2	<1	7	67	8	2.87	654	3	8	27	<5	30	85
			RC88-11 05	30	35	5		<5	<0.5	<5	<2	<1	6	75	7	2.75	705	2	5	25	<5	34	96
			RC88-11 06	35	40	5		<5	<0.5	8	3	<1	6	58	7	2.66	615	<1	6	18	<5	36	72
			RC88-11 07	40	45	5		<5	0.6	<5	<2	<1	7	53	8	2.76	670	<1	7	23	<5	37	88
			RC88-11 08	45	50	5		<5	0.5	<5	<2	<1	7	77	9	2.69	777	<1	6	21	<5	36	94
			RC88-11 09	50	55	5		<5	<0.5	<5	<2	<1	8	50	6	2.47	802	<1	6	20	<5	36	80
			RC88-11 10	55	60	5		<5	<0.5	<5	<2	<1	9	99	8	2.95	966	1	8	26	<5	41	102
60	90	Dyke (100%) Faulted dyke limonite stained weakly argillized, well altered with abundant limonite, hematite, bleached rusty brown and light green-grey, abundant altered white feldspar crystal	RC88-11 11	60	65	5		<5	<0.5	10	<2	<1	7	63	7	2.75	821	2	7	25	<5	30	114
			RC88-11 12	65	70	5		<5	<0.5	9	<2	<1	7	80	9	2.55	717	3	6	26	<5	27	108
			RC88-11 13	70	75	5		<5	<0.5	12	<2	<1	7	43	7	2.70	494	4	6	29	<5	14	71
			RC88-11 14	75	80	5		<5	<0.5	7	<2	<1	7	60	5	2.82	622	5	6	22	<5	20	88
			RC88-11 15	80	85	5		5	<0.5	17	<2	<1	6	54	6	2.73	533	4	7	19	<5	17	77
			RC88-11 16	85	90	5		<5	<0.5	23	<2	<1	6	76	10	2.71	469	4	6	27	<5	12	64

Hole No.: RC-88-11 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	SB ppm	V ppm	Zn ppm
		silicified in part, fair disseminated pyrite.																					
90	130	Dyke 100% medium grey aphanitic matrix/abundant white feldspar crystals some up to 4mm, bleached, silicified, abundant pyrite, fair argillization.	RC88-11 17	90	95	5		<5	<0.5	25	<2	<1	6	47	7	2.70	393	5	7	23	<5	9	56
			RC88-11 18	95	100	5		<5	<0.5	27	<2	<1	6	68	7	2.73	423	5	5	26	<5	7	48
			RC88-11 19	100	105	5		<5	<0.5	24	<2	<1	7	45	8	2.84	496	6	6	28	<5	5	113
			RC88-11 20	105	110	5		<5	<0.5	27	<2	<1	6	58	7	2.76	718	5	4	26	<5	4	243
			RC88-11 21	110	115	5		6	<0.5	15	4	<1	5	47	7	2.82	529	6	4	17	<5	3	69
			RC88-11 22	115	120	5		27	<0.5	145	5	<1	14	49	18	4.78	407	5	32	24	6	6	33
			RC88-11 23	120	125	5		5	<0.5	65	4	<1	22	22	17	4.68	510	2	37	22	5	9	25
			RC88-11 24	125	130	5		15	<0.5	255	<2	1	20	45	21	6.59	211	5	44	32	5	8	55
130	140	Dyke 100% flesh coloured, very fine grained matrix/abundant small feldspar crystals, quartz crystals hard, silicified, minor disseminated pyrite.	RC88-11 25	130	135	5		<5	<0.5	522	6	1	17	64	23	5.61	1528	10	37	20	9	33	142
			RC88-11 26	135	140	5		6	<0.5	38	<2	<1	11	137	25	4.36	1245	1	28	16	<5	50	176
140	155	Dyke 100% flesh coloured as above; also medium olive green, very fine grained-aphanitic matrix with, occasional very small white feldspar crystal, hard, jointed, well silicified, fair pyrite.	RC88-11 27	140	145	5		<5	<0.5	105	<2	<1	16	100	18	3.35	608	3	30	13	<5	43	77
			RC88-11 28	145	150	5		<5	<0.5	80	<2	<1	17	129	10	3.31	694	2	31	16	<5	50	78
			RC88-11 29	150	155	5		<5	<0.5	24	<2	<1	13	114	17	3.44	1088	<1	23	15	<5	52	100
155	160	Dyke - basalt 100% dark olive green aphanitic texture, minor pyrite, hard, silicified.	RC88-11 30	155	160	5		8	<0.5	25	<2	<1	13	114	15	3.81	1030	<1	25	14	<5	55	104
160	185	Dyke 100% predominant light grey flesh coloured, occasional light grey-green, medium green, well silicified, hard, grainy	RC88-11 31	160	165	5		<5	<0.5	16	<2	<1	13	92	14	3.05	988	1	25	16	<5	48	85
			RC88-11 32	165	170	5		8	<0.5	55	<2	<1	17	78	19	2.85	895	12	41	20	<5	42	86
			RC88-11 33	170	175	5		6	<0.5	60	<2	<1	19	73	18	2.54	566	38	31	16	5	36	67
			RC88-11 34	175	180	5		8	<0.5	24	<2	<1	12	102	19	3.09	758	6	23	17	<5	39	93

Hole No.: RC-88-11 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	SB ppm	V ppm	Zn ppm
		texture/quartz grains, occasional white feldspar crystal, fair disseminated pyrite.	RC88-11 35	180	185	5		<5	<0.5	31	<2	<1	12	111	18	4.21	1356	2	21	15	<5	48	125
185	205	Dyke 100% as above also medium grey, green, altered well silicified, abundant pyrite, occasional white feldspar and abundant quartz crystals, bleached.	RC88-11 36	185	190	5		10	<0.5	26	<2	<1	12	84	13	3.07	735	1	21	11	<5	40	71
			RC88-11 37	190	195	5		25	<0.5	72	4	<1	12	79	13	3.64	963	<1	24	12	<5	35	80
			RC88-11 38	195	200	5		11	<0.5	52	6	<1	13	74	12	3.61	982	<1	23	15	<5	42	115
			RC88-11 39	200	205	5		9	<0.5	114	<2	<1	26	28	20	4.07	344	5	38	18	5	12	31
205	235	Tuff 100% medium grey, medium green, very fine grained, bleached, altered, soft flaky in part, slightly silicified in part, calcareous, abundant disseminated pyrite.	RC88-11 40	205	210	5		5	<0.5	67	<2	<1	37	21	21	3.75	34	2	64	14	<5	6	4
			RC88-11 41	210	215	5		5	<0.5	63	2	<1	24	30	22	4.42	119	1	39	15	<5	18	36
			RC88-11 42	215	220	5		<5	<0.5	36	2	<1	21	46	18	4.17	66	1	38	14	<5	15	19
			RC88-11 43	220	225	5		7	<0.5	31	<2	<1	18	33	14	4.41	103	<1	35	11	<5	15	26
			RC88-11 44	225	230	5		<5	<0.5	82	<2	<1	23	48	24	6.24	51	1	54	13	<5	11	8
			RC88-11 45	230	235	5		6	<0.5	91	<2	<1	30	33	22	5.44	70	3	52	15	<5	12	9
235	245	Tuff 100% medium olive green, dark olive green graineds, medium olive green alteration & pyrite haloes, partly silicified, occasional white feldspar crystal.	RC88-11 46	235	240	5		8	<0.5	25	<2	<1	24	50	13	5.09	360	<1	33	16	<5	38	55
			RC88-11 47	240	245	5		8	<0.5	28	<2	<1	17	96	16	5.74	1492	<1	21	25	6	89	134
245	255	Tuff 100% as above, medium grey-green, abundant silicified calcite veinlets and fracture fillings abundant pyrite, banded quartz-calcite pyrite veins.	RC88-11 48	245	250	5		8	<0.5	78	<2	<1	14	61	14	5.17	1004	1	17	23	<5	52	71
			RC88-11 49	250	255	5		9	<0.5	47	<2	<1	14	82	17	4.94	1075	<1	18	18	<5	75	97
255	280	Andesite 100% mottled, medium green-grey, light green-grey, dark green chlorite, fairly silicified, bleached, altered argillized, fair	RC88-11 50	255	260	5		9	<0.5	131	6	<1	26	47	18	8.16	492	4	37	24	<5	34	58
			RC88-11 51	260	265	5		6	<0.5	166	2	<1	38	35	18	6.27	282	2	51	24	<5	24	33
			RC88-11 52	265	270	5		<5	<0.5	175	<2	<1	27	24	16	4.50	188	<1	36	21	<5	16	18
			RC88-11 53	270	275	5		212	<0.5	280	2	<1	32	19	19	4.70	128	1	40	22	<5	13	15

Hole No.: RC-88-11 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	SB ppm	V ppm	Zn ppm
		pyrite.	RC88-11 54	275	280	5		11	<0.5	208	3	<1	23	36	15	4.71	339	<1	30	16	<5	28	26
280	345	Andesite 100% mottled, dark olive green, medium-light green, occasional white feldspar crystal, bleached in part, fairly silicified, abundant pyrite as fracture fillings, veinlets and blebs.	RC88-11 55	280	285	5		9	<0.5	237	<2	<1	21	73	18	6.22	668	2	28	13	<5	64	51
			RC88-11 56	285	290	5		6	<0.5	354	7	2	22	31	20	6.31	280	2	30	20	<5	16	21
			RC88-11 57	290	295	5		11	<0.5	87	4	<1	15	65	11	4.74	524	1	21	18	<5	40	46
			RC88-11 58	295	300	5		8	<0.5	54	3	<1	17	62	8	4.12	420	<1	20	15	<5	32	31
			RC88-11 59	300	305	5		6	<0.5	24	<2	<1	15	64	11	4.54	427	<1	19	15	<5	27	34
			RC88-11 60	305	310	5		<5	<0.5	15	<2	<1	12	90	12	5.45	855	<1	19	8	<5	44	54
			RC88-11 61	310	315	5		12	<0.5	58	<2	<1	21	60	14	5.29	559	<1	24	22	5	24	44
			RC88-11 62	315	320	5		8	<0.5	24	<2	<1	14	73	12	5.76	1181	<1	19	11	<5	35	82
			RC88-11 63	320	325	5		10	<0.5	56	3	<1	22	69	12	5.27	825	<1	27	18	<5	28	57
			RC88-11 64	325	330	5		10	<0.5	33	3	<1	17	60	11	5.29	722	<1	22	14	<5	22	46
			RC88-11 65	330	335	5		6	<0.5	133	4	<1	17	68	9	4.66	526	2	20	18	<5	26	43
			RC88-11 66	335	340	5		7	<0.5	84	<2	<1	15	47	11	4.60	431	<1	20	17	<5	21	30
			RC88-11 67	340	345	5		<5	<0.5	61	<2	<1	20	57	14	4.81	450	<1	25	21	<5	29	29
345	395	Tuff 100% fine crystalline, medium grey, light grey, smooth talc texture, soft, bleached, altered, argillized, very abundant pyrite/veinlets, fracture fillings blebs. (Shear zone)	RC88-11 68	345	350	5		6	<0.5	86	4	<1	19	53	21	5.47	368	<1	25	21	<5	24	20
			RC88-11 69	350	355	5		7	<0.5	70	3	<1	19	69	28	5.67	568	1	23	23	<5	38	34
			RC88-11 70	355	360	5		<5	<0.5	62	2	<1	16	62	34	5.18	602	<1	20	18	<5	41	40
			RC88-11 71	360	365	5		<5	<0.5	126	8	<1	13	38	18	6.23	531	<1	14	22	<5	36	30
			RC88-11 72	365	370	5		8	<0.5	276	<2	<1	21	69	19	8.02	354	<1	26	28	<5	34	30
			RC88-11 73	370	375	5		8	<0.5	162	<2	<1	19	71	16	5.92	464	2	30	23	<5	42	56
			RC88-11 74	375	380	5		5	<0.5	135	<2	<1	20	62	18	6.01	524	<1	23	26	5	42	281
395	440	Tuff 100% coarser, medium green, grey altered, argillized, abundant pyrite.	RC88-11 75	380	385	5		<5	<0.5	166	<2	<1	30	111	22	6.61	487	1	41	21	8	41	66
			RC88-11 76	385	390	5		11	<0.5	216	<2	<1	20	27	11	5.44	403	2	16	22	7	26	50
			RC88-11 77	390	395	5		142	<0.5	335	<2	1	18	23	12	5.97	333	4	12	23	10	21	78
			RC88-11 78	395	400	5		26	<0.5	106	<2	<1	17	34	11	6.39	1072	3	11	17	6	47	86
			RC88-11 79	400	405	5		10	<0.5	81	4	<1	16	35	10	5.62	1009	2	9	16	<5	47	64
			RC88-11 80	405	410	5		13	<0.5	149	5	<1	16	29	11	6.50	670	<1	8	17	<5	32	40
			RC88-11 81	410	415	5		23	<0.5	172	5	<1	16	24	10	6.79	288	<1	10	16	7	16	15
			RC88-11 82	415	420	5		14	<0.5	133	<2	<1	17	21	10	6.88	259	<1	10	17	<5	17	20
			RC88-11 83	420	425	5		10	<0.5	94	<2	<1	17	36	10	5.28	742	2	7	15	<5	33	62
			RC88-11 84	425	430	5		11	<0.5	57	<2	<1	13	34	6	4.09	895	<1	8	8	<5	35	99

Hole No.: RC-88-11 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	SB ppm	V ppm	Zn ppm
			RC88-11 85	430	435	5		35	<0.5	188	3	<1	17	37	9	5.05	593	7	6	14	<5	44	56
			RC88-11 86	435	440	5		261	<0.5	571	<2	1	17	40	9	4.73	620	1	8	17	7	49	36

Discovery Consultants

Drill Log

Co-Ords:

Azimuth: Vertical
Dip:
Elevation:

Length: 495 ft
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC88-12
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged:
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
0	10	Overburden																					
10	15	Andesite 100% rusty brown, weathered, limonite and hematite stain, minor pyrite.	RC88-12 01	10	15	5		8	-0.5	28	-2	-1	6	17	13	4.26	442	5	8	28	<5	16	97
15	30	Andesite 100% light grey, aphanitic matrix/occasional small white feldspar crystal, bleached, fairly soft, minor pyrite.	RC88-12 02	15	20	5		<5	<0.5	40	<2	<1	9	28	13	3.74	406	4	8	26	<5	18	279
			RC88-12 03	20	25	5		<5	<0.5	37	<2	<1	10	21	9	3.70	756	3	9	30	<5	24	278
			RC88-12 04	25	30	5		14	<0.5	166	<2	<1	16	25	19	4.81	73	4	31	28	5	7	69
30	55	Andesite 100% as above, more bleached, fair argillization.	RC88-12 05	30	35	5		18	<0.5	186	<2	<1	22	27	20	4.83	76	3	40	28	<5	11	30
			RC88-12 06	35	40	5		7	<0.5	40	<2	<1	16	63	12	4.41	314	2	30	19	<5	29	158
			RC88-12 07	40	45	5		<5	<0.5	467	2	1	23	18	21	5.86	198	8	53	33	23	11	15
			RC88-12 08	45	50	5		<5	<0.5	1066	3	<1	25	24	26	5.87	243	13	57	39	35	11	19
			RC-88-12 09	50	55	5		10	0.6	465	<2	<1	28	39	24	3.99	586	16	49	32	23	22	41
55	90	Andesite porphyry 100% medium dark olive green, aphanitic texture/ rare small white feldspar phenocrysts,	RC-88-12 10	55	60	5		11	0.7	242	<2	<1	20	67	15	3.20	686	2	32	18	9	37	63
			RC-88-12 11	60	65	5		9	<0.5	103	<2	<1	15	121	23	4.19	1142	<1	25	15	<5	81	181
			RC-88-12 12	65	70	5		9	<0.5	10	<2	<1	14	121	33	4.81	1252	<1	27	18	<5	79	206

Hole No.: RC-88-12 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		hard, brittle, minor pyrite, occasional stringers light, flesh coloured andesite.	RC-88-12 13	70	75	5		9	<0.5	174	<2	<1	16	97	29	3.75	905	2	31	23	<5	68	106
			RC-88-12 14	75	80	5		14	<0.5	28	2	<1	16	128	15	3.93	1093	<1	28	13	6	77	130
			RC-88-12 15	80	85	5		9	<0.5	25	<2	<1	106	168	18	3.90	1089	4	30	21	<5	76	157
			RC-88-12 16	85	90	5		<5	<0.5	28	<2	<1	17	126	23	4.03	1095	1	28	28	6	73	127
90	100	Dyke 100% flesh coloured, abundant feldspar phenocrysts, hard, brittle, minor pyrite.	RC-88-12 17	90	95	5		7	<0.5	26	<2	<1	20	104	18	3.13	844	<1	29	94	<5	58	92
			RC-88-12 18	95	100	5		7	<0.5	32	<2	<1	14	80	15	3.13	843	<1	21	58	<5	48	67
100	130	Andesite 100% medium olive green, hard, brittle, a few feldspar crystals, minor pyrite.	RC-88-12 19	100	105	5		6	<0.5	12	<2	<1	14	111	17	4.31	1293	2	26	29	<5	67	118
			RC-88-12 20	105	110	5		8	<0.5	21	<2	<1	17	118	26	3.85	905	2	31	27	<5	65	97
			RC-88-12 21	110	115	5		5	<0.5	11	<2	<1	17	117	26	3.92	945	<1	30	31	<5	66	98
			RC-88-12 22	115	120	5		8	<0.5	52	<2	<1	23	109	8	2.27	572	1	29	42	7	44	44
			RC-88-12 23	120	125	5		11	<0.5	7	<2	<1	13	144	15	2.81	643	<1	23	13	<5	63	60
			RC-88-12 24	125	130	5		9	<0.5	42	<2	<1	13	131	15	2.51	686	<1	21	17	<5	51	55
130	140	Dyke 100% flesh coloured, very fine grained, some calcified quartz veinlets and fracture fillings, minor pyrite, abundant pink feldspar phenocrysts (very small).	RC-88-12 25	130	135	5		6	<0.5	29	<2	<1	11	111	14	3.16	860	<1	15	12	<5	46	66
			RC-88-12 26	135	140	5		6	<0.5	20	<2	<1	12	97	14	3.14	964	<1	17	28	<5	50	80
140	205	Andesite 90% medium-dark olive green, a few small white feldspar phenocrysts, hard, brittle partly silicified, minor pyrite. Andesite 10% reddish-hematite stained.	RC-88-12 27	140	145	5		8	<0.5	<5	<2	<1	12	113	18	3.13	803	<1	18	18	<5	62	118
			RC-88-12 28	145	150	5		8	<0.5	12	<2	<1	13	136	16	2.94	573	<1	20	13	<5	67	109
			RC-88-12 29	150	155	5		8	<0.5	9	<2	<1	10	107	12	2.44	429	<1	17	16	<5	56	86
			RC-88-12 30	155	160	5		11	<0.5	<5	4	<1	10	124	14	2.48	472	<1	15	14	<5	60	82
			RC-88-12 31	160	165	5		17	<0.5	<5	<2	<1	12	125	15	3.05	621	<1	19	13	<5	74	92
			RC-88-12 32	165	170	5		<5	<0.5	7	<2	<1	13	137	21	3.43	651	<1	20	15	<5	76	108
			RC-88-12 33	170	175	5		<5	<0.5	14	<2	<1	13	98	24	3.05	509	<1	20	17	<5	54	88
			RC-88-12 34	175	180	5		<5	<0.5	36	<2	<1	16	84	25	3.16	547	2	22	38	<5	41	90
			RC-88-12 35	180	185	5		<5	<0.5	38	<2	<1	17	102	15	3.42	452	<1	24	76	<5	48	118
			RC-88-12 36	185	190	5		<5	<0.5	26	<2	<1	19	89	23	4.02	444	3	28	65	<5	45	93
			RC-88-12 37	190	195	5		5	<0.5	67	<2	<1	29	68	63	3.85	307	3	38	64	<5	30	60

Hole No.: RC-88-12 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC-88-12 38	195	200	5		5	<0.5	54	<2	<1	29	52	15	3.30	288	2	39	25	<5	22	38
			RC-88-12 39	200	205	5		5	<0.5	163	5	<1	34	40	32	5.31	72	5	68	31	7	21	15
205	225	Dyke 100% light flesh colour, altered, very silicified, occasional small white feldspar crystal, occasional white quartz bleb/clear quartz halo, some hematite stain, abundant pyrite, trace calcite fracture fillings.	RC-88-12 40	205	210	5		<5	<0.5	115	<2	<1	37	58	33	4.59	359	4	60	29	<5	33	44
			RC-88-12 41	210	215	5		6	<0.5	69	<2	<1	19	78	16	3.12	712	<1	34	15	6	35	48
			RC-88-12 42	215	220	5		<5	<0.5	56	2	<1	17	111	19	3.47	770	<1	31	11	<5	41	70
			RC-88-12 43	220	225	5		<5	<0.5	24	2	<1	16	122	7	4.55	1338	<1	34	7	<5	61	89
225	240	Andesite 100% dark olive green, green-black, occasional reddish/hematite stained, hard, brittle, occasional silicic, white calcite veinlet, minor pyrite.	RC-88-12 44	225	230	5		<5	<0.5	<5	<2	<1	19	163	9	5.06	1318	<1	39	<5	<5	87	99
			RC-88-12 45	230	235	5		5	<0.5	<5	<2	1	18	206	14	4.92	1193	<1	39	<5	<5	134	87
			RC-88-12 46	235	240	5		6	<0.5	14	<2	<1	21	189	18	4.70	1063	<1	38	8	<5	124	82
240	265	Andesite 100% medium olive green, medium grey-green, occasional hematite stained, abundant disseminated pyrite, abundant siderite, white calcite, veinlets some bleaching and argillization, abundant blue quartz.	RC-88-12 47	240	245	5		6	<0.5	<5	<2	1	17	178	23	4.31	913	<1	36	7	<5	114	99
			RC-88-12 48	245	250	5		<5	<0.5	92	<2	<1	42	86	22	4.50	415	6	59	23	5	36	58
			RC-88-12 49	250	255	5		7	<0.5	71	3	<1	31	37	18	3.72	425	2	34	21	<5	24	29
			RC-88-12 50	255	260	5		<5	<0.5	77	<2	<1	27	68	14	4.07	319	2	32	17	<5	38	55
			RC-88-12 51	260	265	5		<5	<0.5	113	4	<1	37	33	21	3.67	211	4	41	27	<5	23	34
265	295	Andesite 100% dark olive green, very fine grained texture, fairly soft, minor pyrite.	RC-88-12 52	265	270	5		<5	<0.5	117	<2	<1	33	62	19	4.48	339	2	41	18	<5	44	52
			RC-88-12 53	270	275	5		9	<0.5	153	<2	<1	42	61	18	3.92	323	2	70	16	6	40	52
			RC-88-12 54	275	280	5		11	<0.5	134	4	<1	45	49	20	3.26	264	6	79	16	<5	25	46
			RC-88-12 55	280	285	5		10	<0.5	173	4	<1	65	48	22	3.68	358	7	112	18	7	30	59
			RC-88-12 56	285	290	5		12	<0.5	178	<2	<1	60	67	18	3.69	358	6	102	17	9	36	53
			RC-88-12 57	290	295	5		12	<0.5	855	7	<1	31	39	36	9.48	124	19	51	51	10	22	16
295	305	Dyke 100% light grey-green, flesh	RC-88-12 58	295	300	5		25	<0.5	126	2	<1	19	78	20	5.25	875	7	23	24	<5	35	57

Hole No.: RC-88-12 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
		coloured, bleached, occasional small altered white feldspar crystal, fair pyrite, some argillization.	RC-88-12 59	300	305	5		12	<0.5	62	<2	<1	20	80	17	5.12	1081	2	23	16	<5	39	66
305	345	Ash tuff 100% light-medium grey, light grey-green, very fine grained, altered, argillized, soft, abundant pyrite.	RC-88-12 60	305	310	5		16	<0.5	84	2	<1	25	54	72	5.56	377	2	30	37	10	26	22
			RC-88-12 61	310	315	5		20	<0.5	129	2	<1	22	43	43	5.68	189	4	24	36	9	40	11
			RC-88-12 62	315	320	5		13	<0.5	134	<2	<1	25	76	25	7.07	148	<1	33	28	10	46	11
			RC-88-12 63	320	325	5		10	<0.5	251	4	<1	26	52	37	8.30	259	<1	35	35	17	36	26
			RC-88-12 64	325	330	5		9	<0.5	130	<2	4	30	138	26	6.91	535	<1	33	30	16	50	456
			RC-88-12 65	330	335	5		29	<0.5	96	2	<1	35	190	22	5.91	1021	<1	62	28	7	66	160
			RC-88-12 66	335	340	5		18	<0.5	91	<2	<1	39	55	18	5.88	1358	<1	41	18	9	72	134
			RC-88-12 67	340	345	5		10	<0.5	45	<2	<1	45	53	11	5.72	1311	2	20	20	<5	58	114
345	395	Tuff 100% medium olive green, medium grey-green, very fine grained, partly altered, fair pyrite.	RC-88-12 68	345	350	5		8	<0.5	68	<2	2	35	41	11	6.12	1561	2	16	17	6	57	111
			RC-88-12 69	350	355	5		9	<0.5	56	<2	1	22	48	9	5.78	1786	3	10	18	<5	56	92
			RC-88-12 70	355	360	5		10	<0.5	113	<2	<1	34	38	12	5.92	1535	3	17	24	5	43	83
			RC-88-12 71	360	365	5		13	<0.5	193	<2	<1	25	42	13	5.51	639	2	14	26	12	28	48
			RC-88-12 72	365	370	5		12	<0.5	352	3	<1	24	42	11	6.19	636	2	12	32	10	24	42
			RC-88-12 73	370	375	5		14	<0.5	211	<2	<1	20	37	8	5.17	1067	<1	7	19	10	52	97
			RC-88-12 74	375	380	5		14	<0.5	555	<2	<1	23	36	8	5.01	558	2	8	15	<5	29	70
			RC-88-12 75	380	385	5		9	<0.5	177	2	<1	22	41	6	4.81	978	<1	7	5	<5	43	90
			RC-88-12 76	385	390	5		8	<0.5	125	<2	<1	23	37	7	5.28	1060	<1	9	9	<5	45	97
			RC-88-12 77	390	395	5		15	<0.5	179	<2	<1	19	46	8	5.36	1236	2	9	16	<5	61	92
395	410	Andesite 100% dark olive green, very fine dark green grains in medium green matrix, slightly altered, fairly hard, brittle, jointed, fair pyrite.	RC-88-12 78	395	400	5		22	<0.5	68	4	<1	13	45	8	4.56	1100	<1	5	12	<5	106	89
			RC-88-12 79	400	405	5		16	<0.5	42	<2	<1	13	58	8	4.69	1016	<1	4	7	<5	146	84
			RC-88-12 80	405	410	5		20	<0.5	57	3	<1	14	53	7	4.87	1047	<1	3	15	<5	130	106
410	455	Andesite 100% medium-dark olive green clots very fine grained/light olive green silicified matrix, fairly pyritized, hard, brittle.	RC-88-12 81	410	415	5		34	<0.5	37	<2	1	19	47	5	4.77	932	<1	5	13	<5	118	99
			RC-88-12 82	415	420	5		274	0.5	304	<2	<1	35	37	7	5.13	562	2	6	10	<5	62	83
			RC-88-12 83	420	425	5		33	<0.5	257	<2	<1	17	35	7	5.47	729	<1	5	8	5	58	76
			RC-88-12 84	425	430	5		77	<0.5	330	<2	<1	17	25	9	5.36	189	4	5	20	11	20	102

Hole No.: RC-88-12 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	V ppm	Zn ppm
			RC-88-12 85	430	435	5		76	0.9	197	<2	<1	16	30	8	4.15	374	2	4	17	7	27	92
			RC-88-12 86	435	440	5		73	<0.5	773	<2	<1	13	36	6	4.32	875	<1	4	12	9	50	80
			RC-88-12 87	440	445	5		635	1.3	2000	<2	<1	15	51	8	4.62	616	8	2	15	86	56	86
			RC-88-12 88	445	450	5		321	1.1	1639	4	<1	16	47	7	5.07	958	3	3	16	27	97	77
			RC-88-12 89	450	455	5		1107	2.4	2000	<2	<1	17	43	8	5.15	686	3	4	16	57	67	77
455	495	Andesite 100% dark olive green, hard, brittle silicified, abundant pyritized veinlets.	RC-88-12 90	455	460	5		495	1.2	2000	5	<1	15	47	8	4.62	1380	2	4	15	37	126	98
			RC-88-12 91	460	465	5		176	1.0	672	<2	<1	17	59	8	5.51	1455	2	2	14	11	132	105
			RC-88-12 92	465	470	5		95	<0.5	702	3	1	17	53	8	5.06	1258	<1	5	14	19	136	85
			RC-88-12 93	470	475	5		195	<0.5	1646	<2	<1	15	44	7	4.57	821	1	4	13	36	70	77
			RC-88-12 94	475	480	5		109	<0.5	746	<2	<1	15	49	7	4.67	1603	<1	3	9	21	129	93
			RC-88-12 95	480	485	5		344	2.2	2000	<2	<1	11	48	8	4.42	243	8	4	17	56	29	78
			RC-88-12 96	485	490	5		318	1.9	>	3	<1	11	34	9	4.60	245	8	3	17	88	26	106
			RC-88-12 97	490	495	5		23	<0.5	338	<2	<1	14	54	8	5.32	845	4	4	20	11	62	93

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 11N/350W

Azimuth: Vertical
Dip: -90
Elevation:

Length: 330 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-1
Property: Goldstar
Project 165
Location:
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 3/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	20	Overburden																
20	30	Intermediate volcanic 100%, orange, brown, yellow, fine grained, well silicified, pyritic (to 5%) white ghost phenocrysts.	RC88-1-01	0	5	5		80	0.7	165	3	<1	16	3.44	4	50	<5	54
			RC88-1-02	5	10	5		42	<0.5	127	6	5	21	3.65	8	23	<5	75
30	35	Intermediate volcanic 100% light grey, orange, well silicified, trace pyrite, trace epidote	RC88-1-03	10	15	5		91	1.2	92	4	4	11	2.24	6	32	<5	23
35	45	Tuff 100%, more altered (oxidized) (possible fault zone?)	RC88-1-04	15	20	5		46	0.6	85	6	6	12	3.41	20	31	<5	118
			RC88-1-05	20	25	5		39	0.7	96	<2	4	11	3.34	5	24	<5	93
45	50	Intermediate volcanic 80% as above Feldspar porphyry dyke 20% subhedral, elongated light pink potassium feldspar phenocrysts to 2mm, fine grained, dark green, grey	RC88-1-06	25	30	5		37	<0.5	79	2	4	11	3.31	6	17	<5	93

Hole RC 88-1 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		matrix, trace limonite on fracture.	RC88-1-07	30	35	5		18	<0.5	51	<2	6	14	3.35	<1	11	<5	121
50	70	Feldspar porphyry dyke 100% - disseminated fine to very fine grained magnetite to 2%.	RC88-1-08	35	40	5		<5	<0.5	20	<2	11	27	3.80	<1	10	<5	108
			RC88-1-09	40	45	5		5	<0.5	17	<2	11	24	3.78	<1	11	<5	101
			RC88-1-10	45	50	5		20	<0.5	16	<2	10	27	3.91	<1	12	<5	99
70	90	Feldspar porphyry dyke 100% as above more abundant coarser feldspar phenocrysts.	RC88-1-11	50	55	5		5	<0.5	19	3	11	25	3.89	<1	10	<5	103
			RC88-1-12	55	60	5		<5	<0.5	29	<2	12	30	4.26	<1	18	<5	126
			RC88-1-13	60	65	5		<5	<0.5	24	2	11	26	3.94	<1	11	<5	100
			RC88-1-14	65	70	5		11	<0.5	19	2	10	26	3.67	<1	11	6	95
90	100	Feldspar porphyry dyke 100% as above some altered brown fragments, abundant large feldspar phenocrysts (3mm), more quartz, less magnetite.	RC88-1-15	70	75	5		9	<0.5	22	3	12	27	3.98	<1	13	<5	109
			RC88-1-16	75	80	5		19	<0.5	20	2	11	25	3.85	<1	12	<5	101
100	105	Feldspar porphyry dyke, dark green, grey as above, also much (50%) altered, brown, yellow with abundant limonite, trace magnetite.	RC88-1-17	80	85	5		14	<0.5	32	6	13	31	4.52	<1	16	<5	133
105	115	Dyke 100% medium grey-green, also yellow, orange, brown altered abundant limonite, traces of pyrite.	RC88-1-18	85	90	5		13	<0.5	28	3	13	32	4.30	<1	16	<5	124
			RC88-1-19	90	95	5		28	<0.5	24	4	14	31	4.36	<1	23	<5	135
									0.9									
									1.2									
115	135	Dyke 100% light grey, yellow orange, altered, abundant limonite, abundant pyrite, silicified. Fault zone.	RC88-1-20	95	100	5		5	0.9	17	4	11	29	4.32	<1	70	<5	202
			RC88-1-21	100	105	5		23	1.2	23	<2	9	20	4.04	2	93	7	209
			RC88-1-22	105	110	5		28	0.9	56	<2	6	18	3.48	3	40	<5	127
			RC88-1-23	110	115	5		24	<0.5	62	<2	4	11	3.12	1	19	<5	97
135	150	Tuff 100% light grey buff, yellow, well silicified very pyritic (to	RC88-1-24	115	120	5		20	<0.5	56	<2	5	18	3.09	2	32	<5	104
			RC88-1-25	120	125	5		24	<0.5	40	<2	5	10	3.01	1	18	<5	102

Hole RC 88-1 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		10%) with abundant visible crystals, abundant limonite.	RC88-1-26	125	130	5		61	<0.5	43	4	5	11	3.23	3	18	<5	88
150	165	Tuff 100% light grey, less altered, less limonite, well silicified abundant pyrite, bleached and argillized.	RC88-1-27	130	135	5		30	<0.5	86	4	6	9	3.35	3	23	<5	96
			RC88-1-28	135	140	5		102	<0.5	121	<2	5	8	3.48	1	22	<5	70
			RC88-1-29	140	145	5		28	<0.5	83	<2	5	9	3.12	5	34	<5	102
165	200	Feldspar porphyry dyke 100% medium grey-green, algered in part, occasional brown, yellow, buff, pink feldspar phenocryst, abundant quartz, abundant visible pyrite, trace magnetite.	RC88-1-30	145	150	5		10	<0.5	20	<2	12	24	4.08	<1	21	<5	103
			RC88-1-31	150	155	5		10	<0.5	27	<2	13	26	4.21	<1	29	5	137
			RC88-1-32	155	160	5		9	<0.5	27	<2	14	22	4.95	2	31	<5	138
			RC88-1-33	160	165	5		14	<0.5	19	<2	13	21	4.39	<1	21	<5	118
			RC88-1-34	165	170	5		6	<0.5	30	<2	12	23	4.24	<1	15	<5	109
			RC88-1-35	170	175	5		8	<0.5	23	3	14	23	4.23	<1	14	<5	113
			RC88-1-36	175	180	5		19	<0.5	36	<2	18	43	5.16	1	22	<5	146
200	210	Tuff 100% light blue-grey, altered, abundant, blue clay, soft, few visible phenocrysts, quartzose, abundant pyrite. (fault)	RC88-1-37	180	185	5		27	0.7	44	<2	24	18	5.09	4	21	<5	77
			RC88-1-38	185	190	5		52	0.9	43	<2	16	15	4.73	3	18	<5	166
210	215	Tuff 100% as above, highly altered, trace fine pyrite, very quartzose.	RC88-1-39	190	195	5		9	0.9	66	<2	12	23	4.33	2	23	6	102
215	220	Tuff 80% as above, altered. Dyke (?) 20% dark grey, dark green, elongated feldspar crystals, quartzose, trace pyrite.	RC88-1-40	195	200	5		<5	0.5	42	<2	8	16	3.82	3	21	<5	99
220	225	Tuff 100% medium grey, green, dark green, abundant pink potassium feldspar phenocrysts, abundant quartz,	RC88-1-41	200	205	5		8	0.7	38	<2	6	11	3.01	2	9	<5	62

Hole RC 88-1 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		abundant pyrite, abundant epidote.																
225	250	Tuff 100% dark green, olive green, abundant epidote (50%) occasional small feldspar phenocrysts, quartzose, abundant disseminated pyrite.	RC88-1-42	205	210	5		12	<0.5	60	<2	13	17	4.53	<1	5	<5	105
			RC88-1-43	210	215	5		12	<0.5	64	<2	15	16	4.54	<1	<5	<5	80
			RC88-1-44	215	220	5		12	<0.5	59	3	15	17	4.17	<1	<5	<5	71
			RC88-1-45	220	225	5		24	0.6	59	<2	17	25	4.22	<1	6	<5	74
			RC88-1-46	225	230	5		50	0.7	60	<2	15	11	4.11	2	8	<5	65
250	265	Tuff 100% as above less pyrite (1%).	RC88-1-47	230	235	5		31	0.7	83	<2	16	14	4.20	<1	<5	<5	72
			RC88-1-48	235	240	5		15	<0.5	88	<2	15	11	4.22	3	<5	<5	67
			RC88-1-49	240	245	5		11	<0.5	72	<2	16	14	4.27	9	<5	<5	59
265	270	Dyke 100% dark green, olive green, dark brown, abundant epidote (40%) more abundant feldspar phenocrysts abundant pyrite (10%).	RC88-1-50	245	250	5		9	<0.5	50	<2	6	11	2.95	5	9	<5	48
270	290	Dyke 100% dark green, dark brown, abundant potassium feldspar phenocrysts, less abundant epidote, abundant pyrite (10%).	RC88-1-51	250	255	5		7	<0.5	39	<2	4	3	2.68	4	5	<5	31
			RC88-1-52	255	260	5		6	<0.5	40	<2	4	4	2.37	4	<5	<5	27
			RC88-1-53	260	265	5		5	<0.5	41	<2	4	3	2.46	3	<5	<5	25
			RC88-1-54	265	270	5		<5	<0.5	42	4	4	6	2.45	4	6	<5	40
290	330 TD	Dyke 100% medium green, olive green, abundant epidote (50%) pink feldspar phenocryst (1mm), (25%), abundant pyrite, (10%).	RC88-1-55	270	275	5		<5	<0.5	26	<2	4	5	2.63	3	<5	<5	44
			RC88-1-56	275	280	5		51	5.2	73	<2	15	16	4.64	8	<5	<5	69
			RC88-1-57	280	285	5		115	5.0	89	<2	28	13	6.30	29	6	<5	98
			RC88-1-58	285	290	5		90	2.7	57	<2	25	17	4.01	20	<5	<5	52
			RC88-1-59	290	295	5		42	0.8	31	3	19	17	4.13	10	<5	<5	44
			RC88-1-60	295	300	5		<5	0.6	18	<2	9	8	3.22	5	<5	<5	49
			RC88-1-61	300	305	5		<5	0.6	17	<2	8	5	3.03	4	6	<5	50
			RC88-1-62	305	310	5		<5	<0.5	21	<2	9	9	2.96	3	7	<5	45

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 11N/400W
Azimuth: Vertical
Dip: -90 deg.
Elevation:
Length:
Section:
Purpose:

Drill type & size:
Dip tests:

Hole No.: RC 88-2
Property: Gold Star
Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged:
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	20	Overburden																
20	30	Tuff 100% orange, brown, grey, light green fine grained, well silicified, abundant disseminated pyrite, trace epidote.	RC88-2-01	0	5	5		48	<0.5	98	<2	9	16	4.64	3	11	7	71
			RC88-2-02	5	10	5		104	<0.5	180	<2	11	23	4.20	1	19	<5	98
30	55	Tuff 100% light grey, grey-green, light brown well silicified abundant disseminated pyrite, occasional epidote, abundant brown limonite on joint fractures (surface oxidation).	RC88-2-03	10	15	5		78	0.6	175	<2	11	20	4.09	4	19	<5	96
			RC88-2-04	15	20	5		182	<0.5	190	2	8	16	4.11	15	11	<5	69
			RC88-2-05	20	25	5		113	<0.5	199	<2	12	18	4.96	<1	15	<5	116
			RC88-2-06	25	30	5		115	<0.5	191	<2	14	36	5.17	<1	21	<5	234
			RC88-2-07	30	35	5		73	<0.5	104	<2	12	19	6.35	<1	13	<5	53
55	110	Tuff 100% as above, darker grey, green, fresher, no limonite, well silicified, abundant quartz fillings, well pyritized, with pyrite veinlets, occasional quartz vein.	RC88-2-08	35	40	5		47	<0.5	63	<2	8	21	7.63	2	15	7	62
			RC88-2-09	40	45	5		33	<0.5	77	2	9	18	7.91	12	18	7	70
			RC88-2-10	45	50	5		70	<0.5	83	<2	7	15	6.32	17	12	5	60
			RC88-2-11	50	55	5		72	0.5	59	<2	9	15	5.69	13	11	<5	87
			RC88-2-12	55	60	5		76	0.6	105	<2	8	18	6.98	35	17	8	113
			RC88-2-13	60	65	5		25	0.6	75	3	10	20	9.56	8	18	6	104

Hole RC 88-2 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC88-2-14	65	70	5		<5	<0.5	40	<2	6	15	9.08	<1	12	<5	73
			RC88-2-15	70	75	5		6	0.8	43	<2	8	16	6.34	4	17	<5	77
			RC88-2-16	75	80	5		37	<0.5	55	3	13	20	6.75	1	24	<5	139
			RC88-2-17	80	85	5		22	<0.5	54	<2	15	20	7.68	1	19	<5	116
			RC88-2-18	85	90	5		17	<0.5	42	<2	16	15	6.38	1	20	<5	124
			RC88-2-19	90	95	5		19	<0.5	54	<2	16	22	6.54	<1	17	<5	93
110	150	Tuff 100% as above, occasional quartz vein, abundant ghost feldspar crystals, very quartzose occasional bright green epidote crystal.	RC88-2-20	95	100	5		<5	<0.5	52	<2	15	20	5.03	<1	21	<5	100
			RC88-2-21	100	105	5		<5	<0.5	70	<2	16	15	5.69	<1	17	<5	126
			RC88-2-22	105	110	5		<5	<0.5	34	<2	17	21	7.69	<1	23	<5	57
			RC88-2-23	110	115	5		<5	<0.5	53	<2	16	19	5.80	<1	14	<5	99
			RC88-2-24	115	120	5		<5	<0.5	80	<2	15	21	5.17	1	20	6	78
			RC88-2-25	120	125	5		<5	<0.5	64	<2	16	21	5.80	3	15	9	101
150	185	Tuff 100% as above less pyrite, occasional red iron stain on fractures.	RC88-2-26	125	130	5		<5	<0.5	50	<2	15	19	5.72	2	9	<5	100
			RC88-2-27	130	135	5		<5	<0.5	43	<2	15	16	5.08	<1	9	<5	105
			RC88-2-28	135	140	5		<5	<0.5	56	<2	15	11	4.74	<1	9	6	95
			RC88-2-29	140	145	5		<5	<0.5	92	<2	15	14	4.88	<1	9	<5	93
			RC88-2-30	145	150	5		<5	<0.5	61	<2	16	13	5.25	<1	11	<5	105
			RC88-2-31	150	155	5		28	<0.5	107	<2	16	17	5.31	<1	11	<5	104
			RC88-2-32	155	160	5		19	<0.5	103	<2	17	15	5.31	<1	15	<5	109
			RC88-2-33	160	165	5		96	<0.5	161	3	15	23	5.00	2	19	10	167
185	200	Tuff 100%, abundant quartz veins abundant ghost feldspar crystals, very quartzose, abundant epidote, abundant disseminated pyrite, occasional pink feldspar fragments.	RC88-2-34	165	170	5		112	<0.5	189	<2	15	18	5.03	<1	23	<5	98
			RC88-2-35	170	175	5		67	<0.5	149	<2	15	22	4.67	<1	25	5	101
			RC88-2-36	175	180	5		72	0.5	150	<2	16	16	5.12	<1	10	7	99
			RC88-2-37	180	185	5		31	0.6	106	<2	15	14	4.57	<1	13	<5	105
200	215	Tuff 100% as above, occasional bright green epidote, occasional feldspar fragment, trace quartz	RC88-2-38	185	190	5		22	<0.5	78	<2	14	14	4.31	<1	11	<5	97
			RC88-2-39	190	195	5		10	<0.5	82	<2	16	13	4.38	<1	15	<5	119
			RC88-2-40	195	200	5		5	<0.5	59	<2	13	12	5.02	2	23	<5	90

Hole RC 88-2 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		veins, less pyrite.																
215	245	Tuff 100% medium grey-green, grey-blue, well silicified, very pyritic with disseminated pyrite, occasional feldspar crystal fragments, quartz void fillings, trace epidote.	RC88-2-41	200	205	5		53	<0.5	112	4	17	23	4.85	<1	18	<5	121
			RC88-2-42	205	210	5		<5	<0.5	103	<2	20	42	6.65	<1	20	<5	120
			RC88-2-43	210	215	5		<5	<0.5	28	2	10	8	3.97	<1	9	<5	99
			RC88-2-44	215	220	5		<5	<0.5	22	<2	13	11	5.70	<1	16	<5	141
			RC88-2-45	220	225	5		<5	<0.5	26	<2	13	7	5.03	<1	11	<5	124
245	260	Tuff 100% as above, less pyrite, more epidote, less silicified.	RC88-2-46	225	230	5		<5	<0.5	16	<2	11	9	4.75	<1	6	<5	100
			RC88-2-47	230	235	5		<5	<0.5	28	<2	10	9	4.38	<1	9	<5	80
			RC88-2-48	235	240	5		<5	<0.5	28	<2	9	7	4.43	<1	13	<5	86
260	285	Feldspar dyke medium-dark green, fine grained, abundant euhedral pink potassium feldspar crystals, (2mm) fair disseminated pyrite.	RC88-2-49	240	245	5		<5	<0.5	16	<2	11	13	3.93	<1	12	<5	80
			RC88-2-50	245	250	5		<5	<0.5	10	<2	9	14	3.31	<1	7	<5	68
			RC88-2-51	250	255	5		<5	<0.5	6	<2	10	16	3.30	<1	<5	<5	66
			RC88-2-52	255	260	5		<5	<0.5	16	<2	10	14	3.72	1	6	<5	62
285	315	Tuff 100% light grey-blue, grey-green, very siliceous, well pyritized with disseminated pyrite, occasional white quartz vein (poorly mineralized).	RC88-2-53	260	265	5		5	<0.5	6	<2	8	17	2.82	<1	<5	<5	60
			RC88-2-54	265	270	5		<5	0.7	25	<2	11	8	4.18	3	7	<5	86
			RC88-2-55	270	275	5		<5	1.5	39	<2	11	8	4.36	2	8	<5	89
			RC88-2-56	275	280	5		9	1.6	51	<2	10	7	4.40	2	9	<5	46
			RC88-2-57	280	285	5		6	1.6	25	<2	11	7	5.88	5	11	<5	13
			RC88-2-58	285	290	5		<5	1.1	29	<2	11	7	4.88	2	9	<5	71
			RC88-2-59	290	295	5		5	0.7	41	<2	11	7	4.44	<1	8	<5	73
315	330 TD	Andesite 100% medium-light green, abundant epidote, siliceous, fair disseminated pyrite.	RC88-2-60	295	300	5		15	0.9	60	5	11	8	4.66	<1	12	<5	65
			RC88-2-61	300	305	5		<5	<0.5	69	4	12	7	4.39	<1	<5	<5	84
			RC88-2-62	305	310	5		5	0.6	66	<2	11	7	4.30	<1	<5	<5	75

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 11N/450W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 330 ft
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-3
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 7/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	7	Overburden																
7	20	Tuff 100% medium grey-green, abundant ghost feldspar phenocrysts, well silicified, fine grained, minor disseminated pyrite, abundant magnetite.	RC88-3-01	7	10	3		6	1.8	8	4	18	21	3.09	23	56	7	121
			RC88-3-02	10	15	5		<5	1.1	<5	<2	22	35	3.35	5	44	<5	165
			RC88-3-03	15	20	5		<5	<0.5	<5	<2	17	30	3.31	<1	36	<5	143
20	30	Tuff 60% as above. Quartz 30% veins and fracture fillings, rusty brown, hematite, limonite stained, trace magnetite, trace pyrite. Calcite, siderite 10% rusty brown.	RC88-3-04	20	25	5		<5	0.7	13	<2	16	28	3.70	1	38	<5	156
			RC88-3-05	25	30	5		7	0.7	20	<2	15	28	3.60	2	30	<5	145
30	120	Tuff and intermediate volcanic interbeds medium grey-green as above, abundant magnetite trace pyrite, occasional rusty brown, quartz-calcite fracture fillings.	RC88-03 06	30	35	5		<5	0.5	11	<2	14	24	3.68	<1	23	<5	128
			RC88-03 07	35	40	5		<5	0.8	16	<2	11	16	3.50	<1	17	<5	106
			RC88-03 08	40	45	5		<5	0.7	10	<2	12	20	3.76	<1	12	<5	104
			RC88-03 09	45	50	5		<5	0.8	<5	<2	10	12	3.32	<1	18	<5	101
			RC88-03 10	50	55	5		18	0.8	34	3	14	4	3.88	3	20	<5	102

Hole RC 88-3 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC88-03 11	55	60	5		8	1.5	11	8	15	16	4.10	5	16	<5	109
			RC88-03 12	60	65	5		<5	1.5	<5	<2	12	6	3.50	<1	12	<5	89
			RC88-03 13	65	70	5		<5	0.5	10	7	14	13	3.99	2	11	<5	102
			RC88-03 14	70	75	5		<5	0.7	14	3	14	15	3.88	<1	14	<5	114
			RC88-03 15	75	80	5		<5	0.9	26	5	12	13	3.94	2	16	<5	109
			RC88-03 16	80	85	5		<5	1.3	7	<2	10	<1	3.01	<1	10	<5	79
			RC88-03 17	85	90	5		<5	0.6	5	<2	12	14	3.81	<1	14	<5	87
			RC88-03 18	90	95	5		<5	0.7	18	<2	14	13	4.11	1	17	<5	91
			RC88-03 19	95	100	5		<5	<0.5	5	<2	13	6	3.92	2	16	<5	84
			RC88-03 20	100	105	5		<5	1.5	5	<2	12	<1	3.47	1	18	<5	89
			RC88-03 21	105	110	5		<5	1.4	12	7	12	41	3.73	3	32	5	140
			RC88-03 22	110	115	5		<5	1.4	18	6	14	35	3.64	2	27	8	125
			RC88-03 23	115	120	5		<5	1.1	8	<2	13	36	3.99	2	23	<5	121
120	140	Tuff 100% as above, more abundant rusty brown fracture fillings, fair disseminated pyrite, occasional epidote.	RC88-03 24	120	125	5		27	0.7	61	<2	17	35	4.48	3	20	6	121
			RC88-03 25	125	130	5		14	0.7	79	2	16	33	4.37	4	21	8	127
			RC88-03 26	130	135	5		19	0.6	80	<2	15	14	4.32	<1	14	7	97
			RC88-03 27	135	140	5		37	<0.5	131	<2	14	10	4.44	4	25	<5	94
140	150	Tuff 100% light grey, altered, argillized, abundant disseminated pyrite.	RC88-03 28	140	145	5		84	0.6	134	5	18	17	6.07	8	27	<5	66
			RC88-03 29	145	150	5		20	<0.5	32	<2	13	15	4.40	4	21	<5	82
150	155	Tuff 100% medium grey-green, fair disseminated pyrite, occasional epidote, well silicified, occasional white quartz fracture fillings (barren).	RC88-03 30	150	155	5		16	<0.5	38	<2	12	5	3.95	3	26	6	69
155	170	Dyke porphyry 100% medium-dark olive green, fine grained matrix abundant euhedral feldspar crystals	RC88-03 31	155	160	5		<5	<0.5	26	<2	12	1	3.37	3	21	<5	80
			RC88-03 32	160	165	5		<5	1.6	<5	<2	10	67	3.29	2	29	<5	119
			RC88-03 33	165	170	5		57	0.5	38	10	21	34	3.91	3	<5	<5	101

Hole RC 88-3 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		(phenocrysts), trace pyrite.																
170	180	Tuff 50% medium grey-blue, well silicified, trace epidote, fair disseminated pyrite. Feldspar dyke 50% medium grey-green, some pink feldspar crystals, trace pyrite, bleached in part.	RC88-03 34	170	175	5		12	<0.5	32	5	25	30	5.23	5	15	<5	83
			RC88-03 35	175	180	5		6	<0.5	21	5	14	18	4.31	1	11	<5	79
180	190	Tuff 100% as above	RC88-03 36	180	185	5		6	<0.5	22	<2	18	19	5.60	5	<5	<5	35
			RC88-03 37	185	190	5		27	<0.5	56	9	23	27	6.13	5	15	<5	54
190	205	Dyke 100% as above	RC88-03 38	190	195	5		9	0.5	16	<2	14	29	3.75	2	9	<5	58
			RC88-03 39	195	200	5		6	<0.5	12	2	12	31	3.60	<1	<5	<5	76
			RC88-03 40	200	205	5		<5	<0.5	20	<2	15	40	3.50	3	<5	<5	75
205	210	Tuff 50% medium grey-green, grey-blue, fair pyrite, fair epidote, poorly silicified. Feldspar dyke 50% as above.	RC88-03 41	205	210	5		<5	<0.5	38	7	23	29	4.48	<1	10	<5	138
210	220	Feldspar dyke 100% as above.	RC88-03 42	210	215	5		<5	<0.5	21	<2	11	13	3.97	<1	<5	<5	182
			RC88-03 43	215	220	5		6	0.9	24	<2	19	16	5.85	3	5	<5	89
220	225	Tuff 100% well pyritized, medium grey-green, poorly silicified.	RC88-03 44	220	225	5		<5	<0.5	32	8	15	13	5.28	2	11	<5	67
225	230	Dyke 100% as above.	RC88-03 45	225	230	5		<5	<0.5	32	2	16	12	3.73	1	22	<5	88
230	245	Tuff 100% as above, fairly well silicified, abundant clear white quartz, abundant pyrite.	RC88-03 46	230	235	5		<5	16.6	27	12	23	288	4.33	17	21	24	140
			RC88-03 47	235	240	5		6	<0.5	31	15	14	25	5.24	3	18	<5	169
			RC88-03 48	240	245	5		<5	<0.5	30	<2	19	24	6.95	3	24	<5	136

Hole RC 88-3 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
245	250	Tuff 70% as above. Andesite porphyry 30%.	RC88-03 49	245	250	5		<5	<0.5	26	4	16	26	6.54	3	<5	<5	126
250	275	Tuff 100% medium grey-blue, slightly bleached, well silicified, abundant clear, white quartz veinlets and fracture fillings, abundant pyrite, trace epidote.	RC88-03 50	250	255	5		6	0.9	50	<2	15	24	5.78	5	16	<5	101
			RC88-03 51	255	260	5		6	<0.5	70	<2	11	22	4.87	7	18	<5	89
			RC88-03 52	260	265	5		12	<0.5	66	3	13	21	5.47	4	8	<5	106
			RC88-03 53	265	270	5		24	0.9	96	<2	15	40	4.74	9	15	21	104
			RC88-03 54	270	275	5		27	0.7	84	10	11	15	4.51	2	8	<5	71
275	290	Tuff 100%, medium green, abundant epidote, fair silicification, abundant pyrite (disseminated & veinlets) and abundant "ghost" white, pink feldspar phenocrysts.	RC88-03 55	275	280	5		15	0.6	100	<2	13	14	4.71	5	<5	<5	82
			RC88-03 56	280	285	5		24	<0.5	82	<2	12	38	4.15	2	<5	<5	83
			RC88-03 57	285	290	5		9	<0.5	86	<2	11	17	4.30	3	<5	<5	96
290	310	Tuff 100% as above, but medium grey, grey-green, well silicified, abundant pyrite, occassional clear, white quartz fracture fillings & veinlets.	RC88-03 58	290	295	5		15	1.0	30	12	11	15	4.56	3	18	<5	209
			RC88-03 59	295	300	5		36	1.3	36	<2	8	12	4.25	2	12	<5	176
			RC88-03 60	300	305	5		30	<0.5	46	2	9	10	4.01	2	<5	<5	62
			RC88-03 61	305	310	5		21	<0.5	76	<2	13	11	5.02	3	23	<5	60
310	320	Ash tuff 100% medium grey-green, fairly silicified, fair pyrite, fair epidote.	RC88-03 62	310	315	5		6	<0.5	84	7	14	16	6.05	3	<5	<5	126
			RC88-03 63	315	320	5		12	<0.5	78	<2	15	12	5.84	3	7	<5	117
320	330 TD	Ash tuff 100% as above, well silicified, abundant clear, white quartz veinlet and fracture fillings abundant pyrite.	RC88-03 64	320	325	5		15	<0.5	110	10	15	14	6.31	4	7	<5	125
			RC88-03 65	325	330	5		6	1.5	54	<2	15	13	5.77	6	18	<5	63

Discovery Consultants

Drill Log

Co-Ords: 15N/160W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 459 ft (watered out @381 ft)
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-4
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 9/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	50	Overburden																
50	65	Intermediate porphyry 100% light grey-green, grey, pink, slightly altered (weathered), abundant pink, white calcite (vein) fragments, pink quartz fragments, epidote, some biotite, trace pyroxene, hornblende, abundant disseminated pyrite, trace magnetite.	RC88-4 01	50	55	5		8	0.9	<5	<2	6	6	2.56	<1	10	<5	74
			RC88-4 02	55	60	5		18	0.7	15	3	6	12	2.76	<1	13	<5	71
			RC88-4 03	60	65	5		17	0.6	22	3	6	21	3.07	<1	18	<5	69
65	100	Tuff and intermediate porphyry 100%, medium grey-green, silicified in part, fair feldspar, pink and white calcite trace mafics, epidote, minor disseminated pyrite.	RC88-4 04	65	70	5		18	0.5	12	2	6	25	3.00	<1	35	<5	70
			RC88-4 05	70	75	5		<5	0.5	10	<2	5	9	2.82	<1	15	<5	68
			RC88-4 06	75	80	5		<5	<0.5	18	<2	7	13	3.16	<1	7	<5	80
			RC88-4 07	80	85	5		<5	0.8	12	<2	6	9	2.79	<1	6	<5	78
			RC88-4 08	85	90	5		<5	<0.5	12	3	6	9	2.86	<1	15	<5	69
			RC88-4 09	90	95	5		<5	0.5	<5	4	6	11	3.07	<1	18	<5	81
		Note: Tuff has some mafics and euhedral feldspar crystals so may be partly intermediate flow	RC88-4 10	95	100	5		11	0.8	16	4	8	9	3.03	13	15	<5	88

Hole RC 88-4

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		porphyry.																
100	120	Tuff and intermediate porphyry 100% as above, light grey, green, pink, slightly bleached, altered, silicified, trace disseminated pyrite and magnetite.	RC88-4 11	100	105	5		5	<0.5	16	<2	7	8	2.95	2	7	<5	80
			RC88-4 12	105	110	5		<5	0.6	7	<2	7	8	2.91	2	6	<5	73
			RC88-4 13	110	115	5		<5	1.0	15	<2	6	17	2.69	<1	7	<5	64
			RC88-4 14	115	120	5		<5	<0.5	6	<2	7	7	3.02	<1	8	<5	79
120	160	Intermediate porphyry & tuff 100%, medium grey-green, olive green, fresh, calcite, feldspar, biotite, trace mafics, minor pyrite, magnetite, occasional quartz fracture fillings.	RC88-4 15	120	125	5		5	<0.5	9	<2	7	9	3.17	<1	10	<5	79
			RC88-4 16	125	130	5		<5	<0.5	15	<2	7	9	3.11	<1	9	<5	81
			RC88-4 17	130	135	5		15	<0.5	15	<2	7	9	3.09	2	12	<5	74
			RC88-4 18	135	140	5		6	<0.5	14	<2	6	7	2.97	<1	7	<5	75
			RC88-4 19	140	145	5		32	<0.5	18	<2	8	7	3.30	6	10	<5	71
			RC88-4 20	145	150	5		12	<0.5	18	<2	7	9	3.47	2	8	<5	76
			RC88-4 21	150	155	5		29	0.8	15	<2	7	7	2.70	8	17	<5	59
			RC88-4 22	155	160	5		19	0.6	11	5	6	9	2.67	2	10	<5	61
160	175	Intermediate porphyry and tuff 100% as above, abundant white, pink, calcite fracture fillings and veinlets, trace disseminated pyrite.	RC88-4 23	160	165	5		20	0.8	19	<2	6	7	2.70	<1	8	<5	59
			RC88-4 24	165	170	5		14	<0.5	16	3	6	8	2.59	<1	9	<5	61
			RC88-4 25	170	175	5		6	<0.5	20	<2	6	7	2.64	<1	<5	<5	65
175	245	Dyke - basalt 100% (occasional amygdules & vesicles) dark olive green, green-black, very fine grained silicified in part, occasional banded quartz veinlets, trace disseminated pyrite, magnetite pyroxene, biotite.	RC88-4 26	175	180	5		<5	<0.5	15	<2	7	8	2.96	2	5	<5	62
			RC88-4 27	180	185	5		8	1.0	5	<2	7	7	3.03	1	<5	<5	56
			RC88-4 28	185	190	5		41	0.9	11	<2	6	6	3.08	2	7	<5	65
			RC88-4 29	190	195	5		9	0.6	15	<2	6	7	3.09	3	<5	<5	64
			RC88-4 30	195	200	5		8	<0.5	14	<2	6	6	3.27	2	5	<5	67
			RC88-4 31	200	205	5		6	1.0	20	<2	6	6	3.03	<1	7	<5	58
			RC88-4 32	205	210	5		<5	0.9	<5	<2	6	7	3.22	2	<5	<5	56
			RC88-4 33	210	215	5		7	0.6	16	<2	6	7	3.18	<1	<5	<5	58
			RC88-4 34	215	220	5		<5	<0.5	17	3	6	7	3.17	2	<5	<5	61

Hole RC 88-4

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC88-4 35	220	225	5		<5	<0.5	21	<2	6	7	3.28	1	6	<5	77
			RC88-4 36	225	230	5		6	<0.5	6	<2	6	7	3.40	4	<5	<5	69
			RC88-4 37	230	235	5		5	<0.5	27	<2	7	8	3.67	4	8	<5	75
			RC88-4 38	235	240	5		7	0.9	11	<2	7	11	3.17	3	7	6	74
			RC88-4 39	240	245	5		5	1.2	13	5	6	7	3.15	2	10	<5	75
245	265	Andesite 100% as above, silicified, lighter green, abundant pyrite.	RC88-4 40	245	250	5		10	1.2	16	<2	6	6	3.15	2	9	<5	72
			RC88-4 41	250	255	5		12	0.6	21	4	7	9	3.20	6	17	<5	86
			RC88-4 42	255	260	5		23	1.6	22	<2	7	10	2.95	10	21	<5	88
			RC88-4 43	260	265	5		11	<0.5	22	3	7	9	3.29	2	10	<5	83
265	300	Intermediate flow porphyry 100% medium green, abundant epidote, fairly silicified, fair pyrite, some mafics, abundant white feldspar phenocrysts.	RC88-4 44	265	270	5		15	0.6	19	<2	7	9	3.01	4	17	9	76
			RC88-4 45	270	275	5		<5	<0.5	18	<2	5	7	2.91	2	11	<5	74
			RC88-4 46	275	280	5		<5	<0.5	11	2	6	16	3.19	2	15	<5	80
			RC88-4 47	280	285	5		<5	0.5	8	3	6	16	3.10	2	13	<5	78
			RC88-4 48	285	290	5		15	0.8	6	2	8	26	3.13	6	18	<5	87
			RC88-4 49	290	295	5		<5	<0.5	20	6	7	16	3.13	<1	12	<5	81
			RC88-4 50	295	300	5		8	0.6	25	3	12	10	3.31	5	14	<5	76
300	335	Intermediate flow porphyry 100% dark green, fine grained matrix as above, some white, pink banded calcite (fracture fillings), some pyrite.	RC88-4 51	300	305	5		7	<0.5	28	<2	12	10	3.30	5	16	<5	77
			RC88-4 52	305	310	5		11	<0.5	35	<2	11	9	3.18	5	19	<5	76
			RC88-4 53	310	315	5		7	<0.5	28	<2	12	9	3.19	4	20	<5	81
			RC88-4 54	315	320	5		6	0.6	30	<2	13	9	3.29	7	17	<5	88
			RC88-4 55	320	325	5		7	<0.5	43	<2	11	12	3.64	10	14	<5	91
			RC88-4 56	325	330	5		7	0.5	53	<2	12	17	3.89	13	15	<5	76
			RC88-4 57	330	335	5		15	0.5	48	3	16	12	3.78	12	19	<5	85
335	380TD	Intermediate flow 100% as above leached, light green, fair disseminated pyrite, white feldspar crystals fine grained, grey matrix, well argillized, possible	RC88-4 58	335	340	5		105	1.6	8	2	5	7	2.66	2	15	<5	73
			RC88-4 59	340	345	5		10	<0.5	12	<2	3	4	2.46	<1	<5	<5	69
			RC88-4 60	345	350	5		7	0.6	10	<2	4	5	2.90	<1	11	<5	77
			RC88-4 61	350	355	5		9	<0.5	6	2	4	5	2.88	<1	17	<5	78
			RC88-4 62	355	360	5		8	<0.5	9	6	4	5	3.05	<1	14	<5	75

Hole RC 88-4

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		shear zone @ 380 (watered out).	RC88-4 63	360	365	5		<5	0.5	8	<2	4	4	3.24	<1	15	<5	89
			RC88-4 64	365	370	5		5	<0.5	14	<2	5	5	3.09	<1	13	<5	73
		(Should have drilled to 460 ft	RC88-4 65	370	375	5		<5	<0.5	6	<2	5	5	3.34	<1	12	<5	77
		(140m).	RC88-4 66	375	380	5		7	<0.5	16	<2	4	5	3.06	<1	14	<5	78

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 15N/240W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 420 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-5
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 13/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	20	Overburden																
20	35	Tuff and intermediate porphyry 100% rusty brown, altered, weathered, limonite, trace pyrite, magnetite.	RC-88-5 01	20	25	5		<5	<0.5	23	2	6	14	2.94	3	17	<5	79
			RC-88-5 02	25	30	5		<5	<0.5	13	<2	7	12	2.97	6	18	<5	75
			RC-88-5 03	30	35	5		<5	0.5	32	<2	8	11	3.20	8	17	<5	87
35	50	Tuff intermediate porphyry 60% light grey, bleached, occasional white feldspar crystal trace mafix, trace pyrite and magnetite. Intermediate porphyry 40% rusty brown as above.	RC-88-5 04	35	40	5		11	<0.5	7	<2	7	10	2.83	15	18	<5	73
			RC-88-5 05	40	45	5		16	0.8	21	<2	7	10	2.55	19	27	<5	72
			RC-88-5 06	45	50	5		25	0.7	41	<2	8	10	3.40	16	26	<5	77
50	120	Tuff & intermediate feldspar porphyry 100% light grey, fine grained, white feldspar crystals, occasional mafics, bleached, fair pyrite, trace magnetite well silicified.	RC-88-5 07	50	55	5		<5	0.5	19	2	5	8	2.77	1	15	<5	83
			RC-88-5 08	55	60	5		9	<0.5	25	<2	8	9	3.41	<1	22	<5	88
			RC-88-5 09	60	65	5		<5	<0.5	27	2	8	7	3.29	1	13	<5	95
			RC-88-5 10	65	70	5		5	<0.5	<5	<2	8	10	2.64	2	16	<5	77
			RC-88-5 11	70	75	5		8	<0.5	24	<2	8	7	2.93	1	16	<5	80
			RC-88-5 12	75	80	5		<5	<0.5	5	<2	8	17	3.48	<1	16	<5	97
			RC-88-5 13	80	85	5		<5	<0.5	<5	<2	6	11	3.33	<1	8	<5	98

Hole RC 88-5

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC-88-5 14	85	90	5		7	<0.5	10	<2	9	11	3.39	<1	8	<5	96
			RC-88-5 15	90	95	5		5	<0.5	17	2	7	12	3.51	<1	10	<5	92
			RC-88-5 16	95	100	5		<5	<0.5	8	<2	8	14	3.94	<1	14	<5	102
			RC-88-5 17	100	105	5		10	<0.5	<5	<2	11	14	3.78	3	20	<5	103
			RC-88-5 18	105	110	5		33	<0.5	30	<2	8	15	3.49	<1	14	<5	89
			RC-88-5 19	110	115	5		<5	<0.5	10	5	8	12	3.61	<1	12	<5	89
			RC-88-5 20	115	120	5		<5	<0.5	<5	<2	8	11	3.78	<1	11	<5	86
120	140	Dyke? (late basaltic) 00% olive green, jointed, silicified late basallic very fine grained trace pyrite and magnetite.	RC-88-5 21	120	125	5		20	<0.5	11	<2	7	15	3.37	<1	13	<5	86
			RC-88-5 22	125	130	5		9	<0.5	16	<2	8	11	3.12	<1	11	<5	89
			RC-88-5 23	130	135	5		<5	<0.5	18	<2	7	10	3.00	<1	13	<5	77
			RC-88-5 24	135	140	5		<5	<0.5	13	<2	6	10	3.19	<1	12	<5	84
140	155	Dyke? 100% as above medium grey-green, bleached, silicified.	RC-88-5 25	140	145	5		16	<0.5	27	<2	6	8	2.94	<1	14	<5	75
			RC-88-5 26	145	150	5		13	<0.5	36	<2	7	10	3.02	2	16	<5	75
			RC-88-5 27	150	155	5		5	<0.5	15	<2	7	10	3.09	<1	10	<5	80
155	175	Intermediate volcanic porphyry 100% light grey, light grey-green, occasional white feldspar crystal, bleached, silicified, fair pyrite.	RC-88-5 28	155	160	5		<5	<0.5	8	4	8	7	2.83	<1	15	<5	66
			RC-88-5 29	160	165	5		<5	<0.5	11	<2	8	7	2.69	<1	16	<5	61
			RC-88-5 30	165	170	5		<5	<0.5	<5	3	3	6	2.11	<1	16	<5	53
			RC-88-5 31	170	175	5		<5	<0.5	6	3	6	7	2.73	<1	21	<5	79
175	185	Andesite porphyry 100% white, feldspar crystal medium grey, fine grained matrix, slightly bleached, fair pyrite, trace magnetite.	RC-88-5 32	175	180	5		78	<0.5	39	<2	7	8	3.05	2	15	<5	77
			RC-88-5 33	180	185	5		<5	<0.5	20	<2	7	10	2.93	<1	11	<5	81
185	195	Intermediate volcanic porphyry 100% light-medium grey, abundant white feldspar crystals, silicified, bleached argillized.	RC-88-5 34	185	190	5		<5	<0.5	28	<2	7	7	2.93	<1	12	<5	83
			RC-88-5 35	190	195	5		<5	<0.5	6	<2	8	8	2.93	<1	12	<5	80

Hole RC 88-5

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
195	280	Tuff 100% (fine lapilli) light grey, light grey-green, bleached, grainy texture, fairly silicified, fair disseminated pyrite, abundant bleached white feldspar crystals (large 4mm to small <1mm), fragmented (subhedral) in part.	RC-88-5 36	195	200	5		<5	<0.5	<5	<2	7	6	2.68	<1	14	<5	80
			RC-88-5 37	200	205	5		<5	<0.5	12	3	7	8	2.90	<1	14	<5	79
			RC-88-5 38	205	210	5		<5	<0.5	11	<2	5	6	2.44	<1	13	<5	63
			RC-88-5 39	210	215	5		<5	<0.5	13	<2	7	7	2.79	<1	14	<5	80
			RC-88-5 40	215	220	5		<5	<0.5	13	<2	7	7	2.80	<1	11	<5	78
			RC-88-5 41	220	225	5		<5	<0.5	22	<2	7	6	2.51	<1	8	<5	59
			RC-88-5 42	225	230	5		<5	<0.5	41	<2	8	8	2.83	<1	12	6	65
			RC-88-5 43	230	235	5		<5	0.5	29	<2	5	6	2.41	12	18	<5	54
			RC-88-5 44	235	240	5		<5	<0.5	20	<2	3	8	2.35	<1	17	<5	54
			RC-88-5 45	240	245	5		9	0.8	36	<2	5	8	2.32	6	20	<5	42
			RC-88-5 46	245	250	5		<5	<0.5	32	<2	3	6	2.23	2	21	<5	60
			RC-88-5 47	250	255	5		6	0.5	26	<2	3	6	1.61	<1	15	<5	39
			RC-88-5 48	255	260	5		<5	<0.5	26	<2	3	4	1.90	<1	16	<5	45
			RC-88-5 49	260	265	5		<5	<0.5	18	<2	3	4	1.86	<1	12	<5	47
			RC-88-5 50	265	270	5		14	<0.5	26	<2	3	5	2.17	<1	18	<5	54
			RC-88-5 51	270	275	5		<5	<0.5	32	<2	4	5	1.86	<1	16	<5	42
			RC-88-5 52	275	280	5		8	0.6	65	<2	10	12	3.92	1	16	<5	71
280	315	Dyke 100% medium-dark olive green, aphanitic matrix/abundant elongated white & pink feldspar crystals, minor pyrite.	RC-88-5 53	280	285	5		<5	<0.5	38	2	9	17	3.61	<1	12	<5	67
			RC-88-5 54	285	290	5		8	<0.5	25	<2	9	16	3.31	1	7	<5	60
			RC-88-5 55	290	295	5		17	0.5	68	2	9	16	3.54	<1	9	<5	56
			RC-88-5 56	295	300	5		17	<0.5	75	<2	11	16	4.12	<1	11	6	67
			RC-88-5 57	300	305	5		15	<0.5	32	<2	9	16	3.40	2	6	<5	60
			RC-88-5 58	305	310	5		<5	<0.5	7	<2	8	16	3.12	1	<5	<5	54
			RC-88-5 59	310	315	5		<5	<0.5	17	<2	8	19	3.04	1	<5	7	54
315	385	Tuff breccia 100% light white-grey, grainy texture, bleached, altered, occasional very thin dark grey quartz vein, abundant altered white feldspar crystals (<1mm) &	RC-88-5 60	315	320	5		6	<0.5	18	<2	8	17	3.62	<1	11	<5	69
			RC-88-5 61	320	325	5		11	<0.5	34	<2	8	10	3.02	2	13	<5	57
			RC-88-5 62	325	330	5		<5	<0.5	27	<2	5	6	2.00	2	22	<5	48
			RC-88-5 63	330	335	5		<5	<0.5	31	<2	4	9	2.14	1	20	<5	41
			RC-88-5 64	335	340	5		<5	<0.5	27	<2	5	6	2.45	3	23	<5	52

Hole RC 88-5

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		quartz blebs, fair disseminated	RC-88-5 65	340	345	5		<5	<0.5	27	<2	3	5	1.91	3	19	<5	39
		pyrite in matrix, fairly silicified.	RC-88-5 66	345	350	5		<5	<0.5	19	<2	4	8	2.24	<1	23	5	60
			RC-88-5 67	350	355	5		<5	<0.5	26	3	4	6	2.14	<1	18	<5	46
			RC-88-5 68	355	360	5		<5	<0.5	24	<2	3	10	1.82	<1	19	<5	38
			RC-88-5 69	360	365	5		<5	<0.5	26	<2	4	9	2.36	<1	28	<5	60
			RC-88-5 70	365	370	5		<5	<0.5	31	<2	3	5	1.89	<1	18	<5	44
			RC-88-5 71	370	375	5		<5	<0.5	28	<2	4	6	2.26	<1	22	<5	52
			RC-88-5 72	375	380	5		<5	<0.5	24	<2	5	6	2.09	<1	17	<5	50
			RC-88-5 73	380	385	5		7	0.9	26	<2	4	9	2.55	6	23	<5	53
385	410	Tuff breccia 100% medium green-grey,	RC-88-5 74	385	390	5		7	1.0	24	<2	3	7	2.18	5	19	<5	63
		grainy texture, silicified in part,	RC-88-5 75	390	395	5		<5	<0.5	34	3	6	9	3.39	1	20	<5	89
		occasional large feldspar fragment,	RC-88-5 76	395	400	5		14	1.1	25	3	7	10	2.59	2	19	<5	55
		fair disseminated pyrite.	RC-88-5 77	400	405	5		14	1.3	30	2	8	9	2.68	3	17	<5	60
410	420TD	Tuff breccia 100% as above, light	RC-88-5 78	405	410	5		<5	0.7	27	<2	7	8	2.70	<1	14	<5	57
		green-grey, more bleached fair	RC-88-5 79	410	415	5		<5	<0.5	26	<2	3	4	1.97	<1	15	<5	42
		disseminated pyrite.	RC-88-5 80	415	420	5		<5	<0.5	24	<2	5	8	2.45	<1	19	<5	60

D I S C O V E R Y C O N S U L T A N T S

D r i l l L o g

Co-Ords: 15N/340W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 330 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-6
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 16/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	10	Overburden																
10	20	Intermediate volcanic porphyry and tuff 100% rusty brown weathered limonitic, light grey very fine grained matrix, well silicified bleached, occasional light green, clear quartz bleb, fair pyrite, trace magnetite.	RC-88-6 01	10	15	5		80	2.6	9	<2	5	10	2.76	<1	21	<5	69
			RC-88-6 02	15	20	5		<5	2.6	19	5	5	9	2.67	<1	23	<5	80
20	110	Intermediate volcanic porphyry and tuff 100% light grey, bleached, some clay, altered, well silicified, occasional clear quartz bleb, feldspar fragment, fair pyrite, trace magnetite.	RC-88-6 03	20	25	5		5	3.0	10	4	3	5	2.20	11	30	7	77
			RC-88-6 04	25	30	5		5	0.7	26	<2	2	5	2.37	2	27	<5	78
			RC-88-6 05	30	35	5		<5	0.7	16	<2	3	4	2.31	<1	21	<5	65
			RC-88-6 06	35	40	5		6	1.2	18	<2	3	4	2.19	2	11	<5	57
			RC-88-6 07	40	45	5		<5	0.7	18	<2	3	3	1.92	9	14	<5	56
			RC-88-6 08	45	50	5		<5	<0.5	8	<2	3	3	1.78	11	15	<5	59
			RC-88-6 09	50	55	5		<5	1.2	14	<2	2	3	2.22	<1	12	6	60
			RC-88-6 10	55	60	5		<5	<0.5	39	<2	3	2	2.13	3	16	<5	53
			RC-88-6 11	60	65	5		<5	<0.5	36	4	3	2	2.28	7	11	<5	55

Hole RC 88-6

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC-88-6 12	65	70	5		<5	0.7	48	4	3	2	2.35	8	15	<5	64
			RC-88-6 13	70	75	5		<5	0.7	49	3	2	2	2.34	<1	13	<5	56
			RC-88-6 14	75	80	5		8	0.7	49	<2	2	2	2.08	4	15	<5	59
			RC-88-6 15	80	85	5		7	0.7	45	2	3	1	2.05	4	17	5	55
			RC-88-6 16	85	90	5		9	0.7	51	3	3	1	2.00	<1	18	<5	49
			RC-88-6 17	90	95	5		12	1.8	48	<2	3	2	2.31	90	23	<5	66
			RC-88-6 18	95	100	5		<5	0.7	65	<2	3	2	2.32	7	21	<5	61
			RC-88-6 19	100	105	5		7	0.7	45	4	2	2	2.17	9	19	<5	59
			RC-88-6 20	105	110	5		8	2.1	28	3	3	4	2.49	30	29	<5	102
110	120	Shear zone 100% very altered, volcanic porphyry blue-green clay, abundant pyrite (water at 110').	RC-88-6 21	110	115	5		8	1.6	<5	<2	3	4	2.09	84	36	<5	71
			RC-88-6 22	115	120	5		<5	0.7	<5	<2	3	10	2.14	42	31	<5	78
120	140	Intermediate volcanic porphyry + tuff 100%, light grey, light green-grey, very altered, argillized, silicified, abundant disseminated pyrite in light grey very fine grained matrix, occasional white euhedral feldspar crystal.	RC-88-6 23	120	125	5		<5	<0.5	27	4	2	4	2.10	14	19	<5	65
			RC-88-6 24	125	130	5		<5	<0.5	38	<2	2	11	2.45	3	22	<5	71
			RC-88-6 25	130	135	5		<5	<0.5	27	<2	2	3	2.04	32	20	<5	88
			RC-88-6 26	135	140	5		<5	<0.5	34	3	2	2	1.80	15	14	<5	49
140	235	Tuff breccia 100% medium-dark grey, groundmass/feldspar, quartz phenocrysts, subhedral, euhedral, fine grained, abundant large light grey fragments (3mm), abundant pink quartz veinlets, slightly calcareous, abundant pyrite, well silicified, large brecciated tuff, fragments, shattered veined.	RC-88-6 27	140	145	5		<5	0.7	36	4	3	9	2.50	15	23	6	82
			RC-88-6 28	145	150	5		14	2.6	61	<2	5	59	3.26	56	68	13	152
			RC-88-6 29	150	155	5		7	2.6	54	<2	5	93	3.22	36	122	<5	220
			RC-88-6 30	155	160	5		<5	0.8	10	<2	4	26	3.26	12	63	<5	161
			RC-88-6 31	160	165	5		<5	1.7	16	<2	3	17	2.89	17	42	<5	127
			RC-88-6 32	165	170	5		<5	1.0	10	6	4	15	2.94	17	43	<5	130
			RC-88-6 33	170	175	5		11	2.6	40	<2	3	7	2.52	11	28	<5	86
			RC-88-6 34	175	180	5		10	2.6	24	<2	5	10	3.16	24	50	<5	94
			RC-88-6 35	180	185	5		<5	2.6	55	<2	4	7	2.84	8	26	8	81
			RC-88-6 36	185	190	5		<5	1.6	26	<2	3	7	2.49	6	28	<5	77

Hole RC 88-6

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC-88-6 37	190	195	5		<5	0.9	40	2	3	6	1.63	195	18	<5	55
			RC-88-6 38	195	200	5		<5	1.6	28	2	3	5	1.90	86	18	<5	52
			RC-88-6 39	200	205	5		<5	<0.5	<5	3	3	5	2.01	8	14	6	45
			RC-88-6 40	205	210	5		<5	0.7	12	<2	2	3	1.87	6	19	<5	43
			RC-88-6 41	210	215	5		<5	1.4	23	4	4	3	1.90	<1	15	<5	43
			RC-88-6 42	215	220	5		<5	2.1	18	<2	4	5	1.94	9	17	<5	54
			RC-88-6 43	220	225	5		<5	<0.5	<5	3	4	3	1.53	3	18	<5	40
			RC-88-6 44	225	230	5		<5	0.9	25	3	5	10	2.03	<1	22	6	56
235	245	Andesite 70% dark green-black, very fine grained, occasional quartz, white feldspar phenocryst. Tuff 30% as above.	RC-88-6 45	230	235	5		<5	0.7	21	4	5	8	1.92	<1	17	7	55
			RC-88-6 46	235	240	5		<5	0.7	9	<2	4	5	1.87	<1	21	<5	57
			RC-88-6 47	240	245	5		<5	<0.5	6	5	3	4	2.05	<1	17	<5	68
245	255	Tuff 100% as above, very silicified.	RC-88-6 48	245	250	5		<5	1.7	33	<2	4	3	2.85	<1	52	<5	99
			RC-88-6 49	250	255	5		91	<0.5	32	<2	5	9	3.22	3	36	<5	95
255	295	Intermediate volcanic porphyry 100% olive green, hard, very fine grained, jointed, occasionally white feldspar phenocryst, abundant pyrite, occasional andesite matrix dark olive green, white feldspar phenocrysts as cement for fragments and feldspar crystal fragments.	RC-88-6 50	255	260	5		<5	0.6	<5	<2	5	8	2.71	3	14	<5	76
			RC-88-6 51	260	265	5		7	0.5	26	<2	5	9	2.84	4	30	<5	92
			RC-88-6 52	265	270	5		14	0.7	40	<2	6	8	2.07	4	18	<5	51
			RC-88-6 53	270	275	5		10	0.9	34	<2	6	6	1.90	4	21	<5	49
			RC-88-6 54	275	280	5		11	0.6	33	<2	8	9	2.50	6	27	<5	68
			RC-88-6 55	280	285	5		11	1.2	28	<2	8	10	2.14	4	21	<5	66
			RC-88-6 56	285	290	5		15	0.6	31	<2	6	7	2.12	3	24	<5	70
			RC-88-6 57	290	295	5		21	<0.5	64	<2	6	8	2.53	5	26	<5	58
295	330TD	Intermediate volcanic porphyry and tuff fragments 100% dark grey-green matrix/small feldspar phenocrysts (<1mm) occasional large feldspar fragments and volcanic breccia, argillized.	RC-88-6 58	295	300	5		42	<0.5	263	<2	8	19	4.45	18	40	7	65
			RC-88-6 59	300	305	5		6	<0.5	272	<2	8	10	4.27	7	25	<5	71
			RC-88-6 60	305	310	5		<5	<0.5	44	<2	6	5	3.04	4	19	<5	81
			RC-88-6 61	310	315	5		<5	<0.5	51	<2	7	7	3.34	6	16	<5	52
			RC-88-6 62	315	320	5		7	<0.5	51	5	7	6	3.38	6	16	<5	50
			RC-88-6 63	320	325	5		6	<0.5	34	<2	5	5	3.34	5	16	<5	54

Hole RC 88-6

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
			RC-88-6 64	325	330	5		7	<0.5	41	<2	6	6	3.36	5	19	<5	52

DISCOVERY CONSULTANTS

Drill Log

Co-Ords: 16N/450W

Azimuth: Vertical
Dip: -90 deg.
Elevation:

Length: 330 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-7
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept 17/88
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	15	Overburden																
15	45	Andesite porphyry 100% medium-dark olive green, very fine grained groundmass/small (1mm) white feldspar phenocrysts, fair disseminated pyrite and occasional pyrite veinlets.	RC-88-7 01	15	20	5		<5	<0.5	16	<2	7	9	3.57	4	16	<5	77
			RC-88-7 02	20	25	5		7	<0.5	13	3	7	10	3.49	3	13	<5	73
			RC-88-7 03	25	30	5		7	<0.5	17	<2	7	10	3.29	3	9	<5	75
			RC-88-7 04	30	35	5		12	<0.5	9	<2	7	11	3.56	5	15	<5	67
			RC-88-7 05	35	40	5		11	<0.5	5	<2	6	10	3.37	4	10	<5	67
			RC-88-7 06	40	45	5		10	<0.5	9	3	6	10	3.22	3	8	<5	63
45	60	Shear Zone - Andesite, 100% as above, highly altered bleached to light grey, abundant white-green clay, abundant pink quartz veinlets, slightly calcareous, abundant pyrite and pyrite cubes (0.5mm)	RC-88-7 07	45	50	5		14	<0.5	31	<2	6	8	2.82	3	46	<5	81
			RC-88-7 08	50	55	5		10	0.6	24	<2	6	10	2.78	2	24	<5	99
			RC-88-7 09	55	60	5		29	<0.5	20	<2	3	6	2.60	3	18	<5	61
60	75	Altered Zone - Andesite 100%, medium green-grey occasional white	RC-88-7 10	60	65	5		44	<0.5	39	<2	5	8	3.36	5	25	<5	65
			RC-88-7 11	65	70	5		9	<0.5	49	<2	7	9	3.35	4	20	<5	60

Hole RC 88-7 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		feldspar phenocrysts, abundant pink quartz veinlets, abundant disseminated pyrite.	RC-88-7 12	70	75	5		9	<0.5	41	<2	6	7	3.32	6	33	<5	105
75	135	Andesite 100%, medium green-grey, bleached, siliceous, very fine grained matrix/white feldspar phenocrysts, fair quartz veinlet, abundant pyrite, occasional epidote.	RC-88-7 13	75	80	5		<5	<0.5	56	<2	8	10	3.31	4	23	<5	68
			RC-88-7 14	80	85	5		8	0.6	67	<2	7	10	3.24	4	33	<5	102
			RC-88-7 15	85	90	5		9	<0.5	47	<2	7	10	3.38	5	28	<5	96
			RC-88-7 16	90	95	5		<5	0.7	26	<2	7	11	3.21	10	24	<5	109
			RC-88-7 17	95	100	5		25	2.0	69	<2	7	15	4.09	22	88	<5	212
			RC-88-7 18	100	105	5		16	1.1	53	3	6	8	3.28	22	40	<5	93
			RC-88-7 19	105	110	5		12	<0.5	69	<2	6	7	3.31	8	22	<5	74
			RC-88-7 20	110	115	5		11	<0.5	61	<2	7	9	3.07	6	20	<5	49
			RC-88-7 21	115	120	5		18	0.7	49	4	7	10	2.89	5	23	<5	53
			RC-88-7 22	120	125	5		21	<0.5	61	<2	6	9	2.88	5	25	<5	93
			RC-88-7 23	125	130	5		21	<0.5	104	2	8	7	3.49	7	30	<5	95
			RC-88-7 24	130	135	5		18	<0.5	130	<2	7	9	3.29	7	30	<5	105
135	150	Shear Zone - Andesite 50% bleached, medium grey-green, occasional white feldspar phenocryst, occasional pink quartz vein, calcareous in part, silicified. Clay 50% - blue, white, soft sticky.	RC-88-7 25	135	140	5		49	0.7	108	4	7	9	3.44	6	51	<5	126
			RC-88-7 26	140	145	5		29	0.7	23	<2	5	7	1.99	<1	43	<5	100
			RC-88-7 27	145	150	5		48	0.9	21	<2	5	6	2.07	<1	42	<5	77
150	190	Feldspar dyke 100% altered bleached light green fine-grained matrix, silicified, abundant pink feldspar crystals abundant bright green epidote, abundant quartz and quartz veinlets, abundant pyrite.	RC-88-7 28	150	155	5		83	0.6	30	<2	5	7	2.63	1	31	<5	39
			RC-88-7 29	155	160	5		48	<0.5	13	<2	5	24	4.14	3	44	<5	91
			RC-88-7 30	160	165	5		17	0.6	13	<2	5	7	2.88	1	43	<5	109
			RC-88-7 31	165	170	5		<5	0.5	19	<2	6	9	2.92	<1	21	<5	74
			RC-88-7 32	170	175	5		5	0.6	25	3	5	13	2.62	2	25	<5	75
			RC-88-7 33	175	180	5		<5	<0.5	17	<2	5	9	2.41	2	26	<5	81
			RC-88-7 34	180	185	5		<5	<0.5	20	<2	4	9	2.41	<1	28	<5	63
			RC-88-7 35	185	190	5		13	<0.5	48	4	4	6	1.95	<1	35	<5	58

Hole RC 88-7 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
190	215	Andesite porphyry 70% light green, light grey-green fine grained/occasional, phenocryst, bleached, well silicified fair pyrite, occasional dark grey aphanitic basalt fragment clay 30%.	RC-88-7 36	190	195	5		5	0.6	35	<2	4	7	1.85	<1	24	<5	40
			RC-88-7 37	195	200	5		<5	<0.5	34	<2	4	7	1.61	<1	16	<5	33
			RC-88-7 38	200	205	5		11	<0.5	31	<2	4	6	1.68	<1	19	<5	39
			RC-88-7 39	205	210	5		19	0.5	41	<2	5	7	1.84	<1	20	<5	58
			RC-88-7 40	210	215	5		7	0.5	36	<2	4	9	1.43	<1	20	<5	45
215	235	Andesite porphyry + dyke, 100% dark grey, dark olive green, aphanitic matrix abundant white, pink feldspar phenocrysts, well silicified/abundant white pink quartz, occasional epidote fair disseminated pyrite, occasional (4mm) phenocryst, subhedral.	RC-88-7 41	215	220	5		33	<0.5	51	3	6	7	2.17	1	23	<5	56
			RC-88-7 42	220	225	5		20	<0.5	51	<2	6	8	2.53	2	24	<5	79
			RC-88-7 43	225	230	5		17	<0.5	46	<2	5	5	2.41	3	24	<5	70
			RC-88-7 44	230	235	5		9	<0.5	29	<2	7	7	2.44	1	20	<5	70
235	240	Dyke 50% as above trace pink quartz veinlets. Basalt 50% dark grey, green, black, fair pyrite aphanitic texture.	RC-88-7 45	235	240	5		18	<0.5	43	<2	6	7	2.65	3	25	<5	72
240	260	Intermediate volcanic porphyry 100% medium olive green, very fine grained groundmass/abundant white, pink feldspar phenocrysts, to 5mm), subhedral occasional pink quartz veinlet, slightly calcareous bleached in part, fair pyrite. (possible fragmental in part).	RC-88-7 46	240	245	5		20	<0.5	44	<2	6	6	2.43	<1	20	<5	62
			RC-88-7 47	245	250	5		24	<0.5	58	<2	5	7	2.40	<1	19	<5	53
			RC-88-7 48	250	255	5		24	<0.5	57	<2	5	5	2.36	2	17	<5	52
			RC-88-7 49	255	260	5		29	<0.5	54	<2	5	5	2.31	2	20	<5	45
260	270	Porphylic Andesite 50% as above	RC-88-7 50	260	265	5		34	<0.5	90	<2	7	8	2.79	7	36	<5	72

Hole RC 88-7 (continued)

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		Basalt 50%, dark grey-green, black, aphanitic texture, abundant pyrite.	RC-88-7 51	265	270	5		60	<0.5	296	2	16	21	4.12	6	31	14	105
270	275	Basalt 100% as above, abundant pyrite.	RC-88-7 52	270	275	5		134	<0.5	420	<2	15	15	4.87	18	19	12	110
275	285	Basalt 50% as above.	RC-88-7 53	275	280	5		127	<0.5	470	4	15	21	5.88	13	22	24	73
		Andesite 50% olive green, very fine grained, fair pyrite, occasional pink quartz veinlet, well silcified with abundant grey chert.	RC-88-7 54	280	285	5		53	<0.5	451	6	17	15	4.91	9	27	18	98
285	330TD	Dyke 90%, light green-brown, buff,	RC-88-7 55	285	290	5		19	<0.5	124	<2	12	12	3.80	6	30	<5	73
		flesh coloured, very fine grained	RC-88-7 56	290	295	5		<5	<0.5	37	<2	6	5	3.03	4	16	<5	74
		matrix, abundant white, pink feldspar	RC-88-7 57	295	300	5		8	<0.5	48	<2	5	4	2.59	5	23	<5	59
		phenocrysts, euhedral, bleached,	RC-88-7 58	300	305	5		12	0.5	47	<2	4	4	2.50	2	16	<5	51
		silicified, very abundant pyrite.	RC-88-7 59	305	310	5		7	<0.5	36	<2	5	4	2.72	2	15	<5	66
		Basalt 10% black, aphanitic texture,	RC-88-7 60	310	315	5		8	<0.5	37	<2	5	5	2.78	1	15	<5	72
		occasional white feldspar	RC-88-7 61	315	320	5		18	<0.5	37	<2	5	5	2.91	2	15	<5	67
		phenocryst (<1mm).	RC-88-7 62	320	325	5		20	<0.5	34	<2	5	6	2.92	1	15	<5	67
			RC-88-7 63	325	330	5		11	<0.5	33	<2	5	5	2.98	1	15	<5	70

D I S C O V E R Y C O N S U L T A N T S

D r i l l L o g

Co-Ords: 16N/450W
Azimuth: 65 deg.
Dip: -55 deg.
Elevation:

Length: 495 ft.
Section:
Purpose:

Drill type & size:

Dip tests:

Hole No.: RC 88-8
Property: Gold Star

Location: Project 165
Date St.:
Date Fin:
Logged by: D.K. Robertson
Date Logged: Sept. 20/1988
Date Logged:

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
0	10	Overburden																
10	40	Andesite 100% dark grey, black, aphanitic basaltic groundmass/occasional small white, feldspar phenocryst, fair pyrite (some weathering/limonite at surface).	RC-88-8 01	10	15	5		41	<0.5	25	<2	12	12	3.46	26	30	<5	80
			RC-88-8 02	15	20	5		42	<0.5	34	<2	11	9	3.29	21	88	<5	58
			RC-88-8 03	20	25	5		54	<0.5	30	<2	10	10	3.34	8	86	<5	76
			RC-88-8 04	25	30	5		36	<0.5	32	<2	9	18	3.67	6	19	<5	100
			RC-88-8 05	30	35	5		6	<0.5	16	<2	8	12	3.42	3	12	<5	99
			RC-88-8 06	35	40	5		22	<0.5	32	<2	9	15	3.33	4	38	<5	118
40	70	Porphyritic Andesite 100% medium grey, very fine grained matrix/abundant phenocrysts, silicified, altered with rusty brown limonite stains, fairly silicified, abundant disseminated pyrite.	RC-88-8 07	40	45	5		24	<0.5	34	<2	5	7	2.69	4	17	<5	82
			RC-88-8 08	45	50	5		16	0.5	46	<2	5	6	2.66	4	16	<5	70
			RC-88-8 09	50	55	5		14	0.5	56	<2	5	6	2.64	5	21	<5	66
			RC-88-8 10	55	60	5		20	1.6	57	3	5	17	2.73	4	29	<5	81
			RC-88-8 11	60	65	5		11	0.8	55	<2	7	10	2.71	4	28	<5	89
			RC-88-8 12	65	70	5		5	<0.5	52	<2	7	8	2.70	18	19	<5	44
70	100	Porphyrytic Andesite 80% medium to light grey, leached, silicified, pyritized.	RC-88-8 13	70	75	5		<5	<0.5	43	<2	5	7	2.32	8	14	6	29
			RC-88-8 14	75	80	5		<5	<0.5	46	3	6	8	2.30	9	19	<5	35
			RC-88-8 15	80	85	5		<5	<0.5	39	<2	8	9	2.63	7	25	<5	84

Hole RC 88-8

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		Porphytic Andesite 20% dark grey, basaltic matrix occasional white (<1mm) feldspar crystal, fair pyrite.	RC-88-8 16	85	90	5		<5	0.5	36	3	4	6	2.05	4	17	<5	37
			RC-88-8 17	90	95	5		10	0.7	45	<2	5	5	2.11	3	15	<5	35
			RC-88-8 18	95	100	5		7	<0.5	37	<2	4	5	2.07	2	17	<5	38
100	135	Porphytic Andesite 100% dark-medium grey, basaltic aphanitic groundmass/ small (<1mm) white feldspar crystals, bleached, abundant large (<2mm) white feldspar fragments, light grey, tuff fragments & volcanic breccia. Minor pink quartz veinlets, fair pyrite silicified in part.	RC-88-8 19	100	105	5		5	<0.5	38	<2	4	6	1.94	8	12	<5	34
			RC-88-8 20	105	110	5		16	0.8	39	<2	4	7	1.90	3	10	5	31
			RC-88-8 21	110	115	5		<5	<0.5	36	<2	4	6	1.62	3	16	<5	25
			RC-88-8 22	115	120	5		10	0.8	48	<2	4	9	1.87	6	18	<5	28
			RC-88-8 23	120	125	5		15	1.0	40	<2	5	11	1.96	4	11	<5	26
			RC-88-8 24	125	130	5		10	0.7	46	<2	6	7	1.80	3	13	<5	28
			RC-88-8 25	130	135	5		6	1.2	26	<2	4	8	1.83	3	25	<5	143
135	155	Tuff 100% medium-light grey, bleached, partly argillized, very silicified/clear quartz blebs, fair pyrite.	RC-88-8 26	135	140	5		6	2.1	25	<2	5	9	1.89	5	20	<5	187
			RC-88-8 27	140	145	5		<5	1.6	19	3	4	9	1.70	6	16	<5	48
			RC-88-8 28	145	150	5		<5	1.1	23	<2	4	10	1.65	5	18	<5	49
			RC-88-8 29	150	155	5		8	0.8	31	<2	4	7	1.46	10	15	<5	49
155	180	Porphyritic Andesite 100% medium-dark grey basaltic, aphanitic matrix/small (<1mm) white feldspar phenocrysts, bleached in part to light grey, silicified, fair pyrite, occasional pink quartz veinlet abundant light grey tuff fragments & breccia tuff interbeds, large (<2mm) white feldspar phenocrysts, subhedral, altered, occasional light green bleached/ abundant elongated feldspar phenocrysts.	RC-88-8 30	155	160	5		7	1.0	27	<2	4	10	1.73	11	16	<5	37
			RC-88-8 31	160	165	5		<5	0.9	57	<2	4	8	2.02	5	17	<5	43
			RC-88-8 32	165	170	5		5	0.9	24	<2	5	9	2.10	5	32	<5	71
			RC-88-8 33	170	175	5		<5	<0.5	26	<2	4	7	1.98	2	19	<5	50
			RC-88-8 34	175	180	5		<5	<0.5	22	2	3	8	1.86	1	18	<5	52

Hole RC 88-8

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
180	200	Porphytic Andesite 100% dark grey (bleached in part to medium-light grey), very fine grained matrix/ small white feldspar phenocrysts, well silicified/quartz blebs and abundant disseminated pyrite, occasional pink quartz veinlet (slightly calcareous).	RC-88-8 35	180	185	5		<5	<0.5	26	<2	4	7	2.17	<1	21	<5	55
			RC-88-8 36	185	190	5		8	<0.5	23	<2	3	6	1.64	<1	23	<5	43
			RC-88-8 37	190	195	5		<5	<0.5	38	<2	4	7	1.99	2	24	<5	49
			RC-88-8 38	195	200	5		<5	<0.5	87	2	4	7	2.06	1	24	<5	53
200	205	Porphytic Andesite 100% pale green bleached, abundant phenocrysts, tuffaceous in part, soft, trace pyrite.	RC-88-8 39	200	205	5		<5	<0.5	50	2	4	7	2.07	3	23	<5	67
205	215	Dyke (chilled margin) 100% light buff minor pale green, rare "ghost" phenocrysts, hard, brittle, very altered & fairly well silicified, fair pyrite.	RC-88-8 40	205	210	5		<5	0.6	41	3	4	6	2.34	8	33	<5	68
			RC-88-8 41	210	215	5		<5	0.6	34	3	4	5	2.35	3	19	<5	64
215	240	Dyke 100% aphanitic matrix, pale green, buff, bleached, altered, fair pyrite, occasional quartz veinlet (slightly calcareous).	RC-88-8 42	215	220	5		<5	<0.5	60	4	4	5	2.46	<1	23	<5	70
			RC-88-8 43	220	225	5		<5	0.5	120	<2	4	5	2.53	<1	19	<5	59
			RC-88-8 44	225	230	5		<5	<0.5	75	<2	4	6	2.52	<1	16	<5	56
			RC-88-8 45	230	235	5		<5	0.5	40	<2	4	5	2.57	<1	18	<5	49
			RC-88-8 46	235	240	5		<5	1.0	95	<2	4	4	2.42	<1	15	<5	55
240	260	Feldspar dyke 100% flesh coloured, altered, abundant feldspar phenocrysts (white & pink), fairly silicified, fair pyrite.	RC-88-8 47	240	245	5		<5	<0.5	43	3	4	6	2.47	3	41	<5	84
			RC-88-8 48	245	250	5		<5	0.7	88	2	4	4	2.54	<1	19	<5	65
			RC-88-8 49	250	255	5		<5	0.8	58	4	5	5	2.98	<1	20	<5	83
			RC-88-8 50	255	260	5		<5	<0.5	66	5	4	5	2.27	<1	16	<5	57
260	280	Feldspar dyke 100% dark olive green,	RC-88-8 51	260	265	5		<5	<0.5	26	<2	4	5	2.24	<1	17	<5	55

Hole RC 88-8

Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		aphanitic texture, rare small white	RC-88-8 52	265	270	5		6	0.5	26	2	5	6	2.54	5	19	<5	55
		feldspar phenocryst, silicified	RC-88-8 53	270	275	5		5	0.9	25	3	5	7	2.52	2	21	<5	61
		brittle, fair pyrite.	RC-88-8 54	275	280	5		<5	0.6	33	<2	5	6	2.34	2	14	<5	55
280	300	Feldspar dyke (chilled margin) 100%	RC-88-8 55	280	285	5		12	1.0	36	4	5	6	2.40	4	19	<5	58
		olive green, green-grey aphanitic	RC-88-8 56	285	290	5		7	0.9	27	<2	5	6	2.36	3	15	<5	52
		matrix/abundant pink feldspar	RC-88-8 57	290	295	5		5	0.6	33	<2	5	6	2.43	3	19	<5	55
		phenocrysts, fairly silicified, some	RC-88-8 58	295	300	5		5	0.6	25	<2	5	6	2.38	4	21	<5	56
		disseminated pyrite.																
300	310	Feldspar dyke 100% olive green,	RC-88-8 59	300	305	5		8	0.7	16	<2	4	8	2.22	4	23	<5	62
		flesh coloured, abundant pink	RC-88-8 60	305	310	5		11	0.8	23	3	5	5	2.09	1	25	<5	70
		feldspar, bleached, fair pyrite.																
310	320	Andesite 100% dark olive green, very	RC-88-8 61	310	315	5		12	0.9	12	<2	5	5	2.62	<1	15	<5	74
		fine grained - aphanitic texture,	RC-88-8 62	315	320	5		<5	0.5	16	2	5	6	2.43	2	16	<5	68
		occasional small white feldspar																
		phenocryst, minor pyrite.																
320	375	Feldspar dyke 100% flesh coloured,	RC-88-8 63	320	325	5		5	0.8	31	<2	4	6	2.32	3	26	<5	70
		medium aphanitic matrix/abundant	RC-88-8 64	325	330	5		8	0.6	34	<2	4	11	2.27	2	31	<5	76
		pink feldspar crystals, fair	RC-88-8 65	330	335	5		8	<0.5	17	<2	4	5	2.10	2	13	<5	47
		pyrite, trace magnetite.	RC-88-8 66	335	340	5		7	0.5	23	3	5	7	2.21	1	16	<5	56
			RC-88-8 67	340	345	5		8	<0.5	22	<2	4	6	2.23	1	19	<5	67
			RC-88-8 68	345	350	5		13	0.9	29	4	5	4	2.24	2	33	<5	85
			RC-88-8 69	350	355	5		8	0.7	23	3	5	6	2.34	<1	21	<5	66
			RC-88-8 70	355	360	5		14	<0.5	31	<2	5	4	2.45	<1	23	<5	62
			RC-88-8 71	360	365	5		7	0.6	29	<2	5	5	2.39	<1	28	<5	71
			RC-88-8 72	365	370	5		12	0.6	13	<2	5	5	2.20	<1	16	<5	62
			RC-88-8 73	370	375	5		9	0.6	25	<2	4	3	2.16	<1	13	<5	65
375	385	Andesite 100% light olive green,	RC-88-8 74	375	380	5		8	<0.5	8	<2	5	8	2.34	<1	24	<5	71

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Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		medium grey-green, occasional white feldspar crystal, silicified in part, bleached, minor disseminated pyrite.	RC-88-8 75	380	385	5		<5	0.6	26	<2	5	4	2.35	<1	23	<5	59
385	395	Intermediate volcanic porphyry 100% olive green, very fine grained, occasional small white feldspar crystal, trace pyrite, silicified in part.	RC-88-8 76	385	390	5		6	0.6	22	3	5	4	2.35	<1	27	<5	66
			RC-88-8 77	390	395	5		7	0.8	17	<2	5	5	2.37	3	22	<5	70
395	410	Intermediate volcanic porphyry 100% dark olive green matrix, abundant pink feldspar crystals give fleshy colour, minor pyrite.	RC-88-8 78	395	400	5		6	<0.5	33	<2	4	4	2.41	5	19	<5	54
			RC-88-8 79	400	405	5		10	0.8	15	2	5	4	2.34	2	18	<5	62
			RC-88-8 80	405	410	5		6	0.7	16	<2	5	4	2.35	2	31	<5	78
410	480	Intermediate volcanic porphyry 100% dark olive green, bleached light olive green in part, silicified in part, fair pyrite, abundant pink feldspar phenocrysts, fair magnetite.	RC-88-8 81	410	415	5		7	<0.5	15	<2	4	4	2.64	2	19	<5	76
			RC-88-8 82	415	420	5		12	<0.5	25	<2	5	4	2.76	2	24	<5	73
			RC-88-8 83	420	425	5		6	<0.5	22	<2	5	5	2.37	3	19	<5	53
			RC-88-8 84	425	430	5		6	<0.5	7	<2	5	5	2.27	2	22	<5	48
			RC-88-8 85	430	435	5		5	<0.5	8	<2	5	5	2.30	2	14	<5	59
			RC-88-8 86	435	440	5		<5	<0.5	17	<2	5	5	2.30	3	16	<5	57
			RC-88-8 87	440	445	5		7	<0.5	17	<2	5	8	2.14	4	20	<5	54
			RC-88-8 88	445	450	5		10	<0.5	9	<2	5	6	2.52	3	27	<5	63
			RC-88-8 89	450	455	5		11	<0.5	8	<2	6	10	2.81	3	30	<5	64
			RC-88-8 90	455	460	5		<5	<0.5	12	<2	6	7	2.70	3	25	<5	67
			RC-88-8 91	460	465	5		6	<0.5	<5	<2	5	6	2.66	2	13	<5	65
			RC-88-8 92	465	470	5		6	<0.5	15	<2	5	5	2.55	1	17	<5	59
			RC-88-8 93	470	475	5		5	<0.5	8	<2	5	6	2.31	1	17	<5	54
			RC-88-8 94	475	480	5		<5	<0.5	8	<2	6	6	2.52	<1	13	<5	61
480	495TD	Andesite 100% dark olive green, dark	RC-88-8 95	480	485	5		11	<0.5	23	<2	7	7	2.85	5	17	<5	69

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Interval (ft) From	To	Description	Sample ID	Sample Interval From	To	Length	Recovery %	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Fe %	Mo ppm	Pb ppm	Sb ppm	Zn ppm
		grey-black, occasional bright olive	RC-88-8 96	485	490	5		<5	<0.5	7	<2	6	6	2.64	<1	16	<5	61
		green, occasional white, pink	RC-88-8 97	490	495	5		5	<0.5	15	<2	10	12	3.46	2	23	<5	77
		feldspar phenocrysts, dark basaltic phase, aphanitic, hard, brittle, silicified/minor pyrite.																