Diamond Drilling

Assessment Report

River Vein Area

on the

Hunter Property

Crown Grant No.s 2978-2993 Inclusive

Hunter 1-4 Mineral Claims

Skeena Mining Division

N.T.S. 103H/1W

for

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Diamond Drilling Assessment Report on the River Vein Area on the Hunter Property

1.0 INTRODUCTION

Arnhem Resources Inc. conducted a two-phase program of field investigations on its Hunter Claim Group located in the Skeena Mining Division of British Columbia from July 4th to September 23, 1984.

The first phase of exploration comprised: geological mapping, sampling and surveying of the Main, Parallel and Cross Veins on Hunter 3 and preparation for drilling on the River - No. 2 Vein System on Hunter 1 claim. The second phase was a diamond drilling program that investigated extensions of the River Vein on Hunter 1 claim.

This report summarizes that portion of the first phase of work which relates to preparation for drilling on the River Vein and the results of the second phase of exploration; the diamond drill program. Work on the Main, Parallel and Cross Veins is recorded in a separate report (Scott, 1984B).

Arnhem's 1984 exploration program was financed by Du-Well Resources Ltd. under an option agreement with Arnhem. Ownership of the Hunter Claims is retained by Arnhem Resources Inc.

1.1 General Geography and Physiography

The Hunter Claim Group is located on the West side of the Coast Range Mountains approximately 100 km south of Kitimat, B.C. (Figure 1). The claims straddle the north branch of Khutze River, which flows into Khutze Inlet on the east side of Princess Royal Channel, approximately

20 km south of the Hunter Property. The geographic co-ordinates of the property are 53° 12' north latitude and 128° 23' west longitude. The N.T.S. map reference is 103 H/1.

The fishing village of Butedale is the closest settlement to the Hunter Property. Butedale is on the west side of Princess Royal Channel, 22 km west of the Hunter claims.

In the past, access has been by boat to the head of Khutze Inlet, thence by foot trail to the property. At present, the best access is by helicopter. The nearest helicopter charter base is at Terrace, B.C., 145 km north of the Hunter Property. Heavier equipment can be transported by barge to within 21 km of the property and slung the remainder of the distance under a helicopter.

The main topographic feature in the claim-area is the north-south trending 'U' shaped Khutze River valley. This is flanked by several small transverse hanging valleys, some of which contain small alpine glaciers. The floor of the main valley is covered with a shallow layer of drift and talus that thickens toward the sides of the valley; a result of the accumulation of coarse talus below near-vertical aidewalls of the valley. The topography around the Khutze River valley is rugged. Elevations range from 270 m in the valley bottom to greater than 1500 m on adjacent mountains.

The average annual temperature range is from -10 C to 14 C. Annual precipitation is in excess of 350 cm.

Vegetation in the area is typical of the west coast rain forest.

The valley bottom is forested with mature spruce and hemlock that commonly

reach heights exceeding 40 m and smaller yellow cedar. Beneath the forest cover, moist organic soil covers the valley bottom and adjacent talus slopes. It supports a variety of mosses and moderate to thich underbrush comprising huckleberry, salmonberry, devil's club and skunk cabbage. Alder is common along the banks of the Khutze River.

In alpine regions, the sparse vegetation comprises stunted cedar and scrub hemlock with a few alpine meadows.

Treeline is approximately 800 m above sea level. Good rock exposures exist above this elevation. Below this elevation, however, bedrock exposures are restricted to the banks of Khutze River subsidiary stream channels and to steep bluffs within the forested areas.

1.2 Property Definition

1.2.1 Claims

The Hunter claim group comprises seventeen crown grants and four, twenty-unit mineral claims totalling 97 mineral claim units (Figure 2).

The seventeen crown grants are owned by Mr. J.M. Meldrum and Mr. R.D. Meldrum. They are held under option by Arnhem Resources Inc. The four mineral claims are owned by Arnhem Resources Inc. Table 1 summarizes the status of the Hunter claim group shown on B.C. mineral titles map M103 H/1W.

Table 1
Hunter Claim Group: List of Claims

Claim Name	Lot No.	Record No.	Record Date	No. of Units
Jubilee 1	2977		Crown Granted	
Jubilee 2	2978		Π	1
Jubilee 3	2979		11	1
Jubilee 4	2980		H	1
Jubilee 5	2981		11	1
Jubilee 6	2982		11	1
Jubilee 7	2983		11	1
Jubilee 8	2984		61	1
Ruby 1	2985		E1	1
Ruby 2	2986		11	1
Ruby 3	2987		11	1
Ruby 4	2988		11	į
Ruby 5	2989		H	1
Ruby 6	2990		11	ì
Ruby 7	2991		tt	i
Bee Fraction	2992		III.	ì
Jay Fraction	2993		H	i
Hunter 1	-333	3715 (1)	Jan. 24, 1983	20
Hunter 2		3716 (1)	11	20
Hunter 3		3717 (1)	11	20
Hunter 4		3718 (1)	11	
				<u>20</u> 96

Notes: All taxes on crown grants are paid to date

The Hunter 1-4 claims were in good standing until Jan. 24, 1987 at the writing of this report due to 1983 exploration (Scott, 1984 A)

1.2.2 Type of Mineral Occurence

The six known mineral occurences on the property are typical gold-bearing, quartz-pyrite vein deposits. The veins are contained primarily within a roof pendant of meta-volcanics which lies across a stock of quartz monzonite of the Coast Plutonic Complex. The environment of deposition is probably mesothermal.

Of several mineral occurences of this type in the region, the most notable is that located at the head of Surf Inlet, on Princess

Royal Island, 36 km west-southwest of the Hunter claim group.

Two ore zones, known as the Surf Mine and the Pugsley
Mine, are contained within a fault zone that can be traced for 4400 m horizontally and 1000 m vertically. The pyritic, milk-white quartz veins range
in length from less than 30 m up to 300 m. Thicknesses range from less
than 0.6 m to 12 m. The vertical extent of each mine is in excess of 300 m.
During its main period of production between 1917 and 1926, Surf Inlet
Consolidated Gold Mines Ltd. mined 836,500 tons of ore yielding an average
grade of 0.385 oz/ton gold, 0.21 oz/ton silver and 0.31% copper.

1.2.3 History

The first gold-bearing quartz vein discovered on the north branch of Khutze River was the River Vein. It is exposed at an elevation of approximately 270 m above sea level, on the east bank of the river. Further discoveries were made on the west side of the river between elevations of 350 m and 800 m, approximately about 1.2 km southwest of the River Vein. The best-exposed of these veins is the Main Vein.

In 1930, the Hunter Property was owned by C.W. Meldrum and Associates of Vancouver, B.C. During the 1930's, work by the Meldrum group included cutting trail to the Hunter claims from Khutze Inlet and trenching of the veins. In 1933, three tons of ore were shipped which yielded a recoverable grade of 9.29 oz/ton Au, 4.02 oz/ton Ag and 1.37% Cu. During 1939, while the property was under option to P.W. Racey of Seattle, an inclined shaft (-55°) was sunk on the River Vein to a depth of 46.9 m. Drifts were driven north and south along the vein from the bottom of the shaft for a total of 56.6 m.

By 1941, work on the Main Vein was underway. An adit, at an elevation of about 695 m a.s.l., was driven 144 m along the vein before a shortage of explosives due to the war curtailed work. No additional underground development has been undertaken to date on either vein. In 1980, the River Vein shaft was fitted with new ladders by Derry, Michener and Booth Inc. and both the Main Vein and the River Vein working were sampled.

Work on the Hunter Property was resumed in 1983 by Arnhem Resources Inc. It comprised a comprehensive program of geological mapping, vein sampling, line cutting and silt and soil geochemical surveys (T.C. Scott, 1984A).

1.3 Summary of Work Done

Work pertaining to the drill-site preparations and helicopter access commenced on July 4 and continued through to August 23rd when the diamond drill and drill crew were mobilized into the Hunter Camp.

Preparations comprized: the construction of 5 drill sites which required the clearing of trees for the sites and helicopter access, the construction of level platforms on the steep side hills and trail access to the drill sites. The old trail to the Burnt Tree Vein area was also brushed out.

A new campsite comprising 4 wooden-floored tent frames and one small plywood-sheeted storage shed was constructed for the drill crew and Arnhem personnel in the meadow adjacent to the Hunter 1-4 legal corner post.

The diamond drill was mobilized onto Site 1 on August 23rd and demobilized on September 28th, 1984.

Two Arnhem employees stayed on the property until September 28th, 1984 in order to clean up the drill sites, finish the trail work and dismantle the camp. Some camp equipment was stored in the shed for the winter.

Table 2 contains a summary of work associated with the 1984 diamond drill program:

TABLE 2
Hunter Claim Group: Summary of Work Done

	•	
Type of Work: Drill Site Preparation:	Description Amo Clearing of trees and levelling of ground for 5 drill sites; limbing of felled trees	ount of Work 100 man days
Trail Work:	2000 m of access trails to drill sites including the reconditioning of old trail to the Burnt Tree Vein area; rope bridge across Khutze River	28 man days
Camp Construction	4 wooden-floored tent-frames 1 plywood-sheeted storage shed	60 man days
Diamond Drilling:	7 B.Q. diamond drill holes from 3 drill sites Contractor: Rogers Drilling Services Richmond, B.C. Machine: BBS-1 Supervised by: T.C. Scott	735.7 m (2414 ft) Ltd.
Core Logging and sampling:	Drill holes logged and sampled by T.C. Scott; 18 samples split from core	9 samples assayed for Au, Ag, Cu. 9 samples

assayed for Au, Ag

1.4 Claims Worked On

The claims on which the preparatory work and diamond drilling were actually done are as follows:

Jubilee	1	L2977	Crown Grant
Jubilee	2	L2978	Crown Grant
Jubilee	3	L2979	Crown Grant
Jubilee	4	L2980	Crown Grant
Jubi lee	5	L2981	Crown Grant
Hunter	1	3715 (1)	Mineral Claim
Hunter	3	3717 (1)	Mineral Claim
Hunter	4	3718 (1)	Mineral Claim

1.5 Camp, Field Crew and Supervision

The old camp was located approximately 75 m North of the legal corner post for Hunter 1 to 4 mineral claims, adjacent to an open meadow suitable for helicopter landings. Two canvas wall tents erected upon previously constructed tent-frame floors and covered with plastic sheets provided accommodation for the crew during the period of drill preparation.

The new camp used during the drilling program is located 40 meters southwest of the Hunter LCP in the middle of the meadow. The wooden-floored tent frames include 1 cooking tent and 3 sleeping tents. A wooden storage shed stands adjacent to the tent frame.

The canvas tents and walkways between them were covered with plastic sheets .

The camp and crew was moved on and off the property by the co-ordinated use of float planes chartered from North Coast Air Services Ltd. of Prince Rupert, B.C. and Bell 204 or 206B helicopters chartered from Northern Mountain Helicopters Ltd. from Terrace, B.C. Most of the crew and camp gear was transported by plane from Prince Rupert to Khutze Inlet and then by helicopter to the property during the pre-drilling

phase of exploration. Some equipment and crew flew directly to the property from Terrace in the helicopter. During the demobilization of the crew, the routing was reversed.

The diamond drilling equipment and fuel was transported by barge from Prince Rupert to Khutze Inlet. A Bell 204 helicopter chartered from Northern Mountain Helicopters was used to transport the drill direct to the first drill site and the fuel to a cache adjacent to the camp area. A Bell 206B was used for subsequent drill moves.

Camp supplies were brought in at these times. The drill was demobilized on September 28, 1984 using the reverse of the mobilization proceedure.

The excess fuel was also shipped out from the Hunter Property.

Field crew personnel included: Ron Bonin; faller and carpenter; Stephen Caulfield, surveyer; Glen Caulfield; geological technician and Carol Ann Caulfield, cook. Logistics and drill site construction were conducted by John Ostler, M.Sc., P.Geol.; President, Arnhem Resources Inc. Inc. Drill supervision and geological work was conducted by T.C. Scott, B.Sc., F.G.A.C. The senior project engineer was D.W. Tulley, P. Eng.

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 Purpose of Work Done

The work to which this report pertains, was in fulfillment of the Phase I recommendations contained in "Report on the Hunter Claim Group" (Tulley, 1984). The diamond drill program was designed to investigate the contiguity and extensions of River Vein System at depth in the area around the shaft.

2.2 Regional Geology

As mapped by Roddick (1970), the region surrounding the Hunter Property is underlain by elements of the Coast Range Plutonic Complex which include quartz monzonite and quartz diorite intrusions, and granitiod gneiss. The plutons and gneiss occur as sub-contiguous, elongate bodies oriented northwest-souteast, sub-parallel to the regional strike of that part of the Coast Mountains.

To the knowledge of the Writer, no age determinations have been conducted on the Coast Plutonic Complex intrusives near the Hunter Property. The granitiod gneiss exposed on the property is indicated by Roddick to be of Palaeozoic age. However, contiguous metamorphic rocks mapped by A.J. Baer (1973) on the adjoining map-sheet to the south, 103A, indicate that the granitiod gneiss was derived from volcanics and sediments of both Palaeozoic and Triassic ages.

It is probable that the gneiss exposed on the Hunter Property is part of a roof pendant of metamorphosed volcanics, partly melted between cupolas of a granitic pluton.

Mineraled Veins on the Hunter Property are most common within the border phases of the granitic pluton west of Khutze River and across the centre of the roof pendant (Figure 4).

2.3 Local Geology

Rock outcrops near the River Vein are restricted to the banks of the Khutze River, a few small bluffs within the forested area and to several pits and trenches which had been constructed by hand during the early discovery period.

Bedrock exposures reveal the predominant country rock to be a leucocratic to melanocratic, biotite, granitoid gneiss. The gneiss commonly has a swirled appearance with a primary northwesterly foliation of moderate to steep easterly dip changing significantly within a few metres.

The gneiss has been intruded by numerous felsic dykes ranging in composition from quartz monzonite to quartz diorite. The quartz diorite dykes are commonly foliated. The quartz monzonite dykes are commonly non-foliated pegmatite and aplite. The dykes are commonly 0.15 to 0.5 m thick but may attain thicknesses of several metres.

The dykes are oriented, for the most part, either sub-parallel to the primary foliation of the gneiss or at near right-angles to it.

With the exception of the pegmatite, which is believed to be the latest intrusive injection prior to quartz vein development, the age relationship of the various dykes is uncertain.

2.4 Discussion and Interpretation of Results

The plan of the 1984 diamond drilling program is shown in Figure 5. Cross-sections of the drill holes are displayed in Figure 6. The drill logs are contained in Appendix C. Table 3 is a summary of drill core sampling.

The biotite, granitoid gneisses encountered during the 1984 diamond drilling program are subdivided on mafic mineral content which reflects their colour indeces. Leucocratic gneisses on the Hunter Property, contain >40% mafic minerals, mesocratic gneisses contain 40-65% mafic mineral and melanocratic gneisses contain <65% mafics.

They comprise elongate aggregates of quartz and feldspar with biotite the predominant mafic mineral.

The medium grained leuco and mesocratic gneisses commonly display felsic patches with diffused boundaries which resemble augen. In rocks of less intense cleavage, they appear to be remnants of phenocrysts. The finer grained gneisses lack this porphyritic texture but occassionally have bands which with a weak gradation in grain size. The melanocratic rocks comprise primarily of biotite in 'books' up to 2 cm across. The variation in colour, texture and grain size of the gneisses suggests they may be metamorphosed porphyritic andesite and decite flows intercalated with tuffs.

The numerous felsic dykes encountered in the drilling display a variety of compositions and textures. The more common dykes are pegmatites and aplites. Their numbers and variations in dip and composition do not permit meaningful correlation from one hole to the next and are therefore omitted from the cross-sections.

Rock alteration is generally limited to chloritization of biotite:

The felsic dykes do not affect alteration of the gneisses.

Veins and veinlets intersected by the diamond drilling have compositions ranging from quartz $\stackrel{+}{=}$ dolomite to dolomite $\stackrel{+}{=}$ quartz depending upon the multiplicity of veinlets. Above drift level, the River Vein is singular and is composed of quartz $\stackrel{+}{=}$ dolomite. Below drift level, the River Vein splays into a wide zone of 0.5 to 1.0 cm veinlets of dolomite $\stackrel{+}{=}$ quartz. Chlorite commonly accompanies the dolomite. The River Vein splay zone seems to coalesce at depth where quartz predominates over dolimite.

The veins and veinlets are accompanied by conspicuous alteration envelopes occuring as bleached, chloritized, sericitized zones adjacent to both walls of the vein structures. Epidote, a minor component of the alteration envelopes, commonly fills discrete hairline fractures. The felsic dykes as well as the gneisses are affected by the alteration envelopes.

Mineralization encountered by diamond drilling is weak.

Near surface, the River and No. 2 Veins contain 4% pyrite. At depth,

pyrite is restricted to sparse disseminations within alteration envelopes.

Chalcopyrite is present in the upper part of the No. 2 Vein intersected in HA 84-2. Trace amounts of hematite accompany dolomite rich veins and magnetite occasionally occurs with 2 quartz.

2.4.1 Drill Site 1: Holes HA 84 - 1 to 3

The River Vein was intersected in all three holes. A small dislocation of the vein was located between the intersection in Hole 2 and surface. The intersections in Holes 2 and 3 reported low gold values. The intersection in Hole 1, however, reported an assay of Au: 0.394 oz/ton, Cu: 0.2% over 15 cm. This was consistent with values obtained from vein samples taken from the shaft in 1983.

The No. 2 vein was intersected beyond the River Vein in Holes 2 and 3. It occured as a splay of quartz-dolomite veins. Two samples reported assays of Au: 0.342 oz/ton, Ag: 0.46 oz/ton, Cu: 0.69% over 18 cm and Au: 0.262 oz/ton, Ag: 0.18 oz/ton, Cu: 0.01% over 6 cm. Intersections in Hole 3 reported traces of Au, Ag and Cu. Table 3 is a summary of drill core sampling.

2.4.2. Drill Site 2: Holes HA 84-4 and 5

The River Vein encountered in these holes appeared as a splay of dolomite rich veinlets. Assays at selected samples reported low gold values. A narrow flat lying quartz vein was encountered in the upper part of each drill hole. Assays disclosed geochemically anomalous gold value.

2.4.3. Drill Site 3: Holes HA 84-6 and 7

The River Vein encountered in Hole 6 appeared as a splay of dolomite-quartz veins while in Hole 7 it appeared to be coalescing to again form a single vein. Although the assay values were low, the intersection in Hole 7 reported values significantly higher than those in the splayed zone. The flat lying vein was also present in the upper portion of both holes and contained geochemically anomalous gold.

2.4.4. Interpretation

The results of the 1984 diamond drill program show the River Vein to be a singular structure down to the drift level. Below the drift and north of the shaft area it tends to splay into a number of relatively barren veinlets. It does, however, seem to coalesce again into a single vein at depth. This tendency to splay is the most likely reason why previous trenching failed to disclose the presence of the River Vein for any appreciable distance north of the shaft area.

The River Vein splay zone is similar in character to the Main Vein splay zone exposed in Mine Creek. In both cases, the highest concentrations of sulphides and associated gold values appear to occur a short distance above and south of the splay zones. If the similarity between the River and Main Vein systems is consistant, then extensions

TABLE 3

Drill Core Sample Summary

Sample No.	Drill Hole	From (m)	To (m)	Sample Width (cm)	Au oz/ton	Ag oz∕tom	Cu t	Description
A84-1	Ha 84-1	16.92	17.07	15	0.394	0.30	0.02	2 River Vein
A84-2	HA84-2	10.76	11.03	27	0.020	0.10	<0.01	l River Vein
A84-3	HA84-2	39.44	39.62	18	0.342	0.46	0.69	No. 2 Vein
A84-4	HA84-2	44.78	44.97	19	0.018	0.08	0.02	Altn. zone(#2Veln
A84-5	HA84-2	47.94	48.94	7	0.262	0.18	<0.0	Splay) I Qtz vein
A84-6	HA84-3	12.89	12.95	6	0.030	0.05	<0.0	l River Vein Altn
A84-7	HA84-3	42.64	42.79	13	0.014	0.03	<0.0	l No. 2 Vein
A84-8	HA84.3	42.79	43.56	17	0.005	0.08	⊀0. 0	dol. I Altn.FW #2Vein qtz Vein splay)
A84-9	HA84-4	105.85	105.92	7	0.010	0.07	≪0. 0	Qtz-py Vein (River
A84-10	HA84-5	111.28	111.88	149	0.003	0.03		Qtz-dol-py veinlets (River Vein Splay)
A84-11	HA84-5	114.90	115.82	92	0.002	0.03		Qtz -dol-py-chl-vein (River Vein Splay)
A84-12	HA84-5	35.57	35.63	6	0.009	0.02		Qtz-py (Vein)
A84-13	HA84-4	32.46	32.58	12	0.012	0.10		(Veln) Py in Altn. Envelope
A84-14	HA84-6	151.06	151.21	15	0.003	0.05		Doi-chi-hem-py veinlet+Nth. Env, (River Vein splay)

Table 3 continued

Drill Core Sample Summary

Sample No.	Drill Hole	From (m)	To (m)	Sample Width(cm	Au oz/ton)	Ag oz/ton	Cul	Description
A84-15	на84-6	152.88	153.22	34	0.002	0.05	••	Dol-chl-hem-py Veinlet +AltnEnv.(River Vein Splay)
A84-16	HA84-6	55.17	55.29	12	0.002	0.04		Qtz veln+py(River vein Splay)
A84-17	HA84-7	51.45	51.66	21	0.014	0.10		Qtz veln+py(Veln_
A84-18	HA84-7	199.03	199.31	28	0.011	0.10		Qtz veinlets(River Vein)

should plunge at a shallow dip to the south.

Diamond-drill intersections of the No. 2 Vein also disclose a tendency for this vein to splay at depth. It does however, have an orientation subparallel to the gold-rich flexure observed on the Main Vein and does contain high gold values at surface. It is likely that the continuity of the gold-bearing sulphides contained in this vein also plunges southerly at a shallow dip.

3.0 CONCLUSIONS

Field work conducted on the Hunter Property as described in this report has fulfilled the recommendations of D.W. Tully, P.Eng. as outlined in his "Report on the Hunter Claim Group" dated March 29, 1984.

Diamond drilling has enhanced understanding of the geometry of the River Vein System and the distribution of gold-bearing sulphides contained within it. Unfortunately, the drill holes encountered in unsuspected splay of veins which contained negligible gold values. However, the information gained from the drill program on the River Vein System when combined with that gained from the surface and underground examination of the Main Vein System provides a clear direction for continued exploration of the auriferous veins found on the Hunter Property.

The establishment of a new campsite, access trails, a rope bridge and the construction of two more drill sites south of the shaft area will greatly simplify the logistics of future exploration activities.

4.0 RECOMMENDATIONS

Work directed towards the extension and evaluation of all known

auriferous vein systems on the property should continue. The work should include geophysical orientation surveys, locating and assessing the Burnt Tree Vein and the continuence of a drill program to test the River Vein and Main Vein Systems in a southerly direction.

- 1. Geophysical orientation surveys should be conducted to investigate the susceptability of the veins to these methods. If positive, the orientation surveys should be expanded to delineate the veins.
- 2. The Burnt Tree Vein should be located and sampled. Surface trenching should be conducted on the No. 2, Burnt Tree and Main Veins.
- 3. A diamond drill program should be conducted from drill sites 4 and 5 to investigate the possibility of auriferous sulphide zones plunging gently to the south from the River Vein workings, especially below the flexure described by the vein trace in trenches HRT, HRT2 and HRT3 in that area. Consideration should also be given to investigating the Main Vein auriferous zones to depth by diamond drilling.

Vancouver, B.C., November 30, 1984.

T. Cameron Scott, B.Sc., F.G.A.C.

Consulting Geologist.

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6.0 ITEMIZED COST STATEMENT

The 1984 exploration program on Arnhem's Hunter Property was financed mostly by Du-well Resources Ltd. Du-well and Arnhem had an option agreement whereby Du-well could earn a 49% interest in the Hunter Property by contributing \$410,000.00 in a series of payments to Arnhem's 1984 exploration program.

Exploration was to be conducted in three phases:

- PHASE 1 detailed surface and underground exploration of the Main Vein area
 - preparation for drilling on the River Vein area
- PHASE 2 construction of drill camp
 - drilling of 2400 ft. of BQ core in the River Vein area
- PHASE 3 drilling of 3280 ft. of BQ core in the River Vein area

The first two phases of exploration were conducted on the property from June 4 to September 28, 1984. Du-well elected not to finance the third phase of exploration and formally dropped its option on the Hunter Property on November 28, 1984. Arnhem Resources Inc. retained 100% interest in the Hunter Property.

This report represents that part of Phase 1 exploration conducted in the River Vein area from a camp near the River Vein workings and all of the second phase of exploration; the drilling.

Consequently the attached cost statement show costs that relate to Phase 1 exploration as a whole apportioned to work done in the River Vein area and all of the drilling on that vein.

Work the first phase of exploration relating to the Main

Vein area is recorded in "Geological Assessment Report, Main Vein Area

on the Hunter Property" (Scott, 1984B).

ITEMIZED COSTS

			Total	Phase 1	River Vein Ph.1
Wages:	T.C. Scott, F.G.A.C. L. Solkoski S. Caulfield R. Bonin G. Caulfield	es230/day es160/day es140/day es140/day es140/day	34 days 36 days	\$8280.00 5440.00 5040.00 4760.00 4900.00	18 days 2880.00 26 days 3640.00 34 days 4760.00
Transport	: 2 3/4 ton trucks @ \$ Taxi and parking Shipping Jet Air Tspt., C.P., Float planes, N. Coas Helicopters, Northern	P.W.A. t Air		\$1400.00 26.05 164.35 1035.65 2274.00 9283.64 \$14183.69	x121/175 \$9806.32
Fuel+0il:	Gasoline and oil Naphtha Saw and chain oil Reserve helicopter fu	eì		\$ 867.13 137.60 56.24 308.26 \$ 1369.23	46.24 214.06
Food+Hote	l: Camp food Meals in transit Hotel			\$ 2579.72 850.07 993.31 \$ 4423.10	X121/175 \$3071.53
Camp:	Equipment rental Camp and field suppli Explosives Camp equipment	es		\$ 2300.00 2013.26 1306.26 286.36 \$ 5905.88	\$ 1800.00 1398.07 1306.26 249.22 \$ 4753.55
Commun i ca	tion: Expediting 19 hr Radiotelephone rental Long distance and rad			\$ 380.00 600.00 173.83 \$ 1153.83	\$ 116.12 300.00 120.71 \$ 684.50
		Total Rive	er Vein P	hase 1	\$37300. 96

ITEMIZED COSTS continued

Balance carried foreward from Phase 1, River Vein Camp

	River Ve	ein Camp Ph	ase 2					\$ 37300.96
Wages:	T.C. Scott, F.G.A.C. R. Bonin S. Caulfield G. Caulfield C.A. Caulfield J. Grigg	@\$230/day @\$140/day @\$140/day @\$140/day @\$140/day	, , ,	2 1 2	35.5 29 42 38 22 14	days days days days days days	5880.00 5320.00	
Transport	:1 3/4 ton truck @ \$700, 2 5 ton trucks @ day truck repairs Shipping Taxi and Ferry charges Jet Air Tspt. C.P., P.1 Float Planes N. Coast Helicopters Northern Barge and Tug Wainwrig	rates √.A. Air, Air B Mtn.	s.c.		2	mo.	\$ 1400.00 341.56 133.07 25.00 67.60 2959.00 4132.43 27495.94 12850.00 \$49404.60	
Fuel+0il:	Gasoline and oil Saw and chain oil Naphtha Propane, supplies and	fittings					1051.49 86.31 150.71 293.34 \$ 1581.85	
Food+Hote	l: Camp food Meals in transit Hotel						\$ 6443.46 803.36 1259.86 \$ 8506.68	
Camp:	Lumber and building sup Camp and field supplies Equipment Rental						\$ 1590.44 981.28 6600.00 \$ 9171.72	
Drilling:	Roger's Drilling Servi	ces Ltd.					\$69881.24	
Communica	tion: Expediting Radiotelephone rental Long distance and radio	otelephone					\$ 270.00 1200.00 236.96 \$ 1706.96	
Report:	Drafting Report reproduction Assay						\$ 1700.00 295.36 177.75 \$ 2173.11	
		Total R	River Ve	in Phase	2		\$170891.16	\$170891.16
		Total R	River Ve	in 1984				\$208192.12

Vancouver, B.C., November 30, 1984

John Stler, M.Sc., P.O. President Arnhem Resources, Inc.

Appendix A

Geochemical Proceedures and Assay Analytical Methods

GEOCHEM PROCEDURES

PPB Gold: 5 gm samples ashed @ 800°C for one hour, digested with aqua regia - twice to dryness - taken up in 25% HCL-, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.

Detection limit - 10 PPB

PPM Arsenic: a 1.0 gram sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with Kl and mixed. A portion of the reduced solution is converted to arsine with NaBH₄ and the arsenic content determined using flameless atomic absorption.

Detection limit - 1 PPM

<u>PPM Silver:</u> a 1.0 gm portion of sample is digested in conc. perchloric-nitric acid (HClO₄ - HNO₃) for approx. 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Silver is determined by atomic absorption technique using background correction on analysis.

Detection limit - 0.1 PPM

PPM Copper, Lead, Zinc: a 1.00 gram portion of sample is weighed into a calibrated test tube. The sample is digested using hot 70% perchloric acid and concentrated nitric acid. Digestion time = 2 hours. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analyzed by atomic absorption procedures. Detection limits using Varian atomic absorption unit are as follows:

Copper - 1 PPM Lead - 1 PPM Zinc - 1 PPM

ASSAY ANALYTICAL METHODS

Cu (%)

A 2 gram sub-sample is digested in a hot perchloric-nitric acid mixture for two hours, cooled, then transferred into a 250 ml. volumetric flask. Aluminum Chloride is added as an ionization suppressant for Mo. The solutions are then analyzed on an atomic absorption instrument.

Ag, Au (Oz/Ton)

Silver and gold analyses are done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

APPENDIX A

SAMPLE ANALYSIS BY ICP-AES

Sample Decomposition for Geochemical Analyses by ICP-AES

A perchloric acid-nitric acid digestion on 0.50g of prepared sample is used if the major elements are not requested. The sample is digested on a hotplate to dense fumes of perchloric acid. The sample is diluted with 2.5 ml of conc. nitric acid then demineralized water added to a volume of 25 ml and mixed.

If the matrix elements are required, or for certain other elements not soluble in HClO₄-HNO₃, a hydrofluoric-perchloric-nitric acid digestion is carried out in a Teflon beaker. After evaporation to dryness the residue is taken up in hydrochloric acid, diluted to 25 ml with demineralized water (final hydrochloric acid concentration is 10% V/V) and mixed.

ICP-AES Analysis of Geochemical Samples

The ICP-AES analysis is run on a Jobin-Yvon JY48P Plasma unit using a PDP 11/03 mini computer to control the analysis and perform the required calculations. The instrument, after calibration, controls the analyses, correcting for blank, spectral background, and interelement corrections due to spectral interferences. The results are reported in $\mu g/g$ in the original prepared sample except for the major elements which are reported in %.



Chemex Labs Ltd.

212 Brooksbank Ave. North Vancouver, B.C. V7J 2C1 Canada

Analytical Chemists

Geochemists • Registered Assayers

Telephone:(604) 984-0221 043-52597 Telex:

CERTIFICATE OF ASSAY

TO : ARNHEM RESOURCES INC.

515 - 470 GRANVILLE ST. VANCOUVER, B.C.

V6C 1V5

: A8415794-001-A CERT. #

INVOICE # : 18415794 DATE : 12-SEP-84 P.O. # : NONE

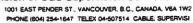
HUNTER GP.

	ATTN: J. OSL	ER CC:	R. MCKAY	. T.CAMER	ON SCOTT	E D.W. TUL	LEY	
Г	Sample	Prep	Çu	Ag FA	AU FA			
L	description	code		oz/T	oz/T			
Г	A84-1	207	0.02	0.30	0.394			
1	A84-2	207	<0.01	0.10	0.020			
1	A84-3	207	0.69	0.46	0.342			
1	A84-4	207	0.02	0.08	0.018			
1	484-5	207	<0-01	0.18	0.262			

<0.01 207 0.05 0.030 A84-6 A84-7 207 <0.01 0.03 0.014 A84-8 207 <0.01 0.08 0.005 A84-9 207 <0.01 0.07 0.010

Registered Assayer, Province of British Columbia

General Testing Laboratories A Division of SGS Supervision Services Inc.





DON TULLY ENGINEERING LTD. 1205 - 555 13th Street West Vancouver, B.C. V7T 2N8

DU- WOW

CERTIFICATE OF ASSAY

No.: 8409-1454 DATE: Sept. 18/84

We hereby certify that the following are the results of assays on:

TO:

Ore

	GOLD	SILVER	2002	XXX	xxx	xxx	mx	XXX
MARKED	oz/st	oz/st						
			,				- E	
			Andren!	# F20	PAGE	DD	H #	
			-	-				
1362	0.003	0.03	184-10	845	-355	17 -	_	
1363	0.002	0.03	1 711-11	£77°	- 380°	84	-5	
1364	0.009	0.02	A 84-12	1167	- 1169)	Marie Te	
		1	1	1065	-1069	- 84	-4	,
1365	0.012	0.10	1 54-13	, 00	,	1		
1366	0.003	0.05	A 84-12	495	-1192	1 1		
1367	0.002	0.05	784-15	501	-502	> 84	4-6	
1368	0.002	0.01	A 811 - 16		i c	1 1		2 11
	EAST TO THE	i						12
1369	0.014	0.10	184-17	/68	167			
1370	0.011	0.10	4 8H-18	653	-653	- 82	4-フ	
							75 = 8	
		!				1 - 1 -	Our S	
		1 4 4 1			-			
	and the same of							

NOTE INFIFE TS RETAINED ONE MONTH PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND INSUECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS PUBLICATION OF STATE-MENTS AND THE CHARACTS FROM OR REGARDING OUR REPORTS IN NOT PERMITTED WITHOUT OR WHIT THA APPROVAL ANY LABLITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

Wong

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Diseed Products • The American Oil Chemists Society OFFICIAL WEIGHMASTERS FOR: Vancouver Board Oil Trad-

APPENDIX C
Diamond Drill Logs

LOCATION	308.3 m	N - 021.3 m E	DRILL HOLE LOG								-,	HOLE HA	No. - 84 -		AGE NO. of ²		
AZIM: 290	0	ELEV: 294 m							PROPER	RTY: H	lunter Cla	aim Grou	<u>ър</u>				
DIP: -85		LENGTH: 24.7m (81 ft.)	DIP TEST														
		CORE SIZE:	FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM NO: Hunter 1														
STARTED:	August 24	1, 1984							SECTION:								
COMPLETED	August 24	1, 1984	· .						LOGGE	DBY: T	.C. Scott	<u>.</u>	_		j		
		ect River Vein between surface							DATEL	OGGED:	August	31, 1984	l				
and N	Drift								DRILLI	NG CO:	Roger's l	Orilling	Servic	es Inc.]		
CORE RECO	VERY 9	18%							ASSAYE	D BY:	Chemex La	abs Ltd.					
F001	AGE (met	ers) DESCRIPTION			SA	MPLE	FOOT	AGE	LENGTH			ASS	AYS				
FROM	10	DESCRIPTION				NO.	FROM	TO	LENGIN								
	,	•															
	3.81	Overburden															
	J. W	V V S I VU I VI CI I										I					
3.81	3.96	Pegmatite - 25% qtz - weekly										1					
		amethystine; 30% orthocla															
		salmon pink; 40% Plagiocia	se,														
		porcelanous to cream; 5% b	otite.														
		muscovite, euhedral magnet															
		- no wallrack alteration															
3.96	5.49	Mesocratic Greiss - metavolca	nies														
2.25	-21-12	- medium grained, greenish	qrey					I									
		- ghosts of feldspar 'auger	0.8 c	m								1					
		produce weak porphyritic to	exture					1									
		- irregular mafic bends (B	otite +	н6)								1					
		-Alteration: mafics to ch	orite;														
		minute (0.5 mm) buff specks	,														
		throughout (clay mineral?)													[
		- 50% mafic															
		-foliation 40° / C.A. (core	avial											1			
			Laxis /												[
5,49	7.77	Pegmatite - contains numerous															
		inclusions displaying serie	ite end									l					
		chlorite alteration		~~													
		- no wall rock alteration												1	[
		- several 1 to 2 mm wide do	lomite									[
		stringers at footwall with												'			
		associated bleaching (sevi	ifizatio	on)								1					
		limonitic - ground waten or	idation												1		
		ROLEILU	LING LIUII.								- I				-		

LOCATION	308.3 m	N - 021.3 m E										HOLI	E No.		PAGE NO.	
				D	RILLH	IOLEL	.OG					на (84 - 1		2 of 2	
AZIM. 29	0°	ELEV 294 m							PROPER	RTY:	Hunter	er Claim Group				
DIP: -8	5	LENGTH: 24.7m (81 ft.)			DIP	DIP TEST										
		CORE SIZE:	FOOTAGE	READING	CORRECT	FOOTAG	E HEADING	CORRECT	CLAIM NO: Hunter							
STARTED:	August 2	4, 1984							SECTIO	N:						
COMPLETE	> August	24, 1984					LOGGE	DBY:	т	. C. Sc	0 t t					
PURPOSE:	o inters	ect River Vein between surface a	nd						DATEL	OGGED:	August					
N Drift	:								DRILLI		Roger's	Drilli	ng_Serv	ices In	c	
CORE RECO		8%							ASSAYE		Chemex	Labs Lt	d.			
F001	AGE (mete	rs) DESCRIPTION	1		s	AMPLE	FOOT	AGE(mete	18 AIGTH				SAYS			
FROM	10	DESCI, II TION	J		- 1	NO.	FROM	TO	CENGIII		Au ton	Ag ton	Cu %			
1.77	16.92	Mesocratic Gneiss - as above;		S												
		several felsic segregations	5									Ī				
		-occassional 0.5 cm falsic	stringe	rs												
		at 15° / C.A.; no wellrock	alterat	ion												
		- foliation: 45° / C.A.														
16.00	17.01	O La Maia				 -1					l	ļ				
16.92	17.04	Quartz Vein - River Vein - milk white quarts contain			A	34-1	16.92	17.07	0.15		0.394	0.30	0.02			
		two i mm pyrite seams	iiig								·}	<u> </u>				
											· [···-		ļ			
		 -late dolomite veinlets with - bleached alteration enve 			tes ()						 	 				
		greenish - grey, 3cm; felds	nars to	16							·	 	 	ļ		
											ļ	 		}		
		sericite, mafic to chlorite	2													
17.04	24.23	Mesocretic Gneiss - as above		······································							1	l	 			
		- increase in fafics with o									1					
		- occasional 1.5 cm K spar	grain													
		in felsic segregations														
		- clay specks prominent and	1			1						1				
		distributed parallel to fol	iations	at 23°/	C.A.											
		- 21.64m: trace pyrite wit	h chlor	ite		i					1				1	
		parallel foliation														
		- 22.70: late bairline fra	ctures										l	I		
		filled with apidate at 47°		/C.A.					I]]	
24.23	24.70	Felsic Segregation - similar t	o pegma	tite									l <u>.</u>			
		-contains I cm pink K spar	ghosts													
		End of Hole				l							 			
		Note: felsic 2nd mafic segrega	tions p	robably	reflect	compos	ition of	origin	l volca	nic be	ds.]			l	

LOCATION 308.3 M N 021.3 m E				DRILL HOLE LOG								HOLE	No. 34 - 2		AGE NO.			
AZIM		FLEV: ool	NUILL HATE FAR							21Y: 11	er Clai							
DIP	0	ELEV: 294 m			DIP	TEST			PROFE	· · · · Hun t	er ctal	ու գւտսե						
DIP: -45° LENGTH: 49.07M (161 ft.)				FOOTAGE READING CORRECT FOOTAGE READING CORRECT						CLAIM NO: Hunter								
STARTED: August 25, 1984				48.7 m -54°							SECTION:							
COMPLETED: August 25, 1984						·	-}	 -										
BITODOCE:	Augus	st 25, 1984		·		· 		[LOGGED BY: T.C. Scott DATE LOGGED: August 31, 1984									
TOTT OSE.	lo_inter:	sect River Vein and No. 2 vein		DRILLING CO: Rogers Drilling Service								s Inc.						
CORE RECO	WERV					 		 										
		T 982	1	L	<u> </u>	1		105	ASSAYED BY: Chemex Labs Ltd. ASSAYS									
FOOTAGE DESCRIPTION			J		s	SAMPLE FOO NO. FROM		FOOTAGE L			ASSAYS							
FROM	TO	<u> </u>				NO.	PHOM	10		ļ				 	ļ			
0	4.11	Overburden																
	7		·															
Hill	6.70	Mesocratic Greiss - metavolca										ļ						
		- medium grained, 50% fels				l												
		minerals (feldspar) (quartz					 											
	<u></u>	metric minerals (blotite -																
			casional felsic segregations															
		and lime grained fragments																
		- foliation 80°/C.A.	ation 80°/C.A.												<u> </u>			
·		- 5.94m: trace disseminated pyrite						1						l				
		with apidate																
											I		ļi	 				
6.7 0	0 7.44 Pegmatite - quartz, orthoclase,			oclase_	-										[· ·			
		muscovite, biotite												l	ļ			
		- bends of varying grain s												ļ	ļ			
		parallel to walls 33°/C.A.												l	<u> </u>			
		- 1 to 2 mm blades of biot													. <u></u>			
		bends parallel to walls di	spray															
		chloritization													L			
		- trace magnetite													l			
7.44	9.97_	Mesocratic Gneiss - metavolan	ics								l			l	l			
		- as above													ļ			
		- clay specks						I										
		- 8.23m to 9.14m: rock di	sintenra	ting														
		to limonitic sand (weather						1							l			
		zone? at 40%C.A.			1									1	1			
		- 9.45m: py 2nd ep on fra	ctures															
		at 24° end 44°/C.A.												1	1			

LOCATION 308-3 M N 021-3 m E				D	RILL H	OLEI	.OG		18-18-17-7			HOL HA	E No. 2		PAGE NO. 2 of 5		
AZIM: 20	00	ELEV: 294 m	•						PROPERTY: Hunter Claim Group								
DIP: -45°	5	LENGTH: 49.07M (161 ft.)			DIP	TEST							-				
CORE SIZE:				FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM NO:								Hunter J					
STARTED: August 25, 1984								1.	SECTIO	SECTION:							
COMPLETED: August 25, 1984								1	LOGGE	LOGGED BY: T. C. Scott							
PURPOSE: To intersect River Vein and No. 2 vein								1	DATE LOGGED: August 31, 1984								
		SECTION ACTUAL NO. T. ACTU.							DRILLI	DRILLING CO: Roger's Drilling Services Inc.							
CORE RECOVERY: 98%							<u> </u>	1	ASSAYED BY: Chemex Labs Ltd.								
SOOTAGE (meters)				 	1 6	AMPLE	FOOT	AGE (me to	rs)	1	ASSAYS						
FROM	DESCRIPTION			N		NO.			LENGTH METERS		Au ton		Cu %	1			
		· · · · · · · · · · · · · · · · · · ·	<u> </u>				- 110.00		TETEKS	 	Nu Lon	Agton	LU &	 	 		
										ļ	 	<u> </u>		ļ			
9.97										ļ	·	ļ					
	- conspicuous magnetite									 	 	 	 	 	<u> </u>		
	ļ	- Hanging well contact 80%	L.A.							 	_	 	 	 	lI		
	 		· 		_					 		<u></u>	ļ	ļ			
_10.77	11.05					84-2	10.76	11.03	0.27	ļ	0.02	0.10	10.01	 	ļ		
	ļ	- vuggy, milk white, quartz with								ļ	ļ		ļ				
	ļ	in I cm vugs	asional crystal face showing									<u> </u>		l			
	<u> </u>																
		- Hanging well contact: 85	2C.A.;										l		l		
		alteration envelope (sevi	cite) ex	tends								<u> </u>		1	ll		
		into pegmetite															
		- Footwell contact: sharp	contact: sharp at														
		l'imonitic fracture 75% C.A.	C.A. with														
		3 cm alteration envelope												1			
		- no sulphides observed										1					
										1		ļ					
11.05	11.22	Mesocratic: Gneiss										1		1			
											1				i		
11.22	13 02	Leucocratic Gneiss - metevolo	anics							1	1	1	-	[l l		
	J.W.	- soft, light grey	20173							l	 	l	 				
		- 20% metric (biotite to cl	nloride)											 			
		- stretched felsic grains	- augen							ļ ·	· · · · · · · · ·						
		(perhaps originally a daci		yry)						l	 						
		-contains clay specks	` _			[i				l		····	i			
		-occasional felsic segregation	tion	·	—— <u> </u> —					 					} ···		
				•]		
	·	= 11.34m, 11.43m; 2mm grz	-dol. ve	ins, tra	ice nyri	te	·]		
		with alteration envelope, (·										
	-11.58m, 11.86m: Fractures with alteration e										 			ļ			
1					1		- 1	4		I	1	1	I	1	1		

LOCATION	308.3 M	N 021 3 m E		D	RILL H	OLE LO	DG						84 - 2		AGE NO. of 5
AZIM: 200)	ELEV: 294 m							PROPER	ITY:	Hunter	Claim	Group		
DIP: -49	a,	LENGTH: 49.07M (161 ft.)			DIP	TEST									
		CORE SIZE:	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM	NO:	Unter	1			
STARTED:	August	25, 1984							SECTIO	N:	nunter				
COMPLETED). August	25, 1984							LOGGE	D BY:	T.C. S	cott			
PURPOSE:	To inter	sect River Vein and No. 2 vein							DATEL		lugust 3				
						· · · · · · · · · · · · · · · · · · ·							Servic	es Inc.	
CORE RECO	VERY:	98%							ASSAYE	D BY:	Chemex	lahs it	d.		
F001	AGE	DECODITION			SA	MPLE	FOOT	AGE			LIIGHEA.		AYS		
FROM	TO	DESCRIPTION				NO.	FROM	TO	LENGTH		Ι	l	Γ		
		,			 						 			-,	
13.02	16.78	Melanocratic Gneiss - metavol	canics		<u> </u>								·		
	10.70	- 80% chloritized mafic mi									ļ				
		- foliation at 57°C.A. ind									 		 		
		by alignment of 3 cm bloti									 	l			
		crystals and feldspars									 				
·			parall e l								 				
		2-4	. 4.1 -4. 1								 				
		2nd crosscutting foliation with depth giving the rock									 		l		
		of a mafic breccia.	Tile opp	COLONICE							 				
		- 44.38m: 9cm fine graine	d gray g	ranular							·				
	-	bend (Ash horizon?)									 				
		Note: 14.32m to 17.37m re	covery 7	59			———				 				
		110201 11122111 10 17127111 10	201011 1	20						-					
16.78	49.07	Mesocratic Gneiss - meta vol	canles					t			1				
		- fine grained dark grey b													
	-	up to 30 cm wide separated									1				
		5 cm wide felsic segregation													
		- bending less prominent to	depth									i			
		-17.68 m: follation at 70													
		- 21.94 in: foliation at 6									1				
		23.92m: hairline fractu		ed							t				
		with epidote at 43%C.A. -26.33m: watercoarse (fau			<u>-</u>										
		pyrite and alteration enve		ce		—— I					 			. ————	
		at 40%.A.				——- <u> </u> -					1	1			
		- 27.43 to 28.19m: Felsic	band. I									l. ———			
		flecks of biotite, trace of	large			<u> </u> -		··· - ·· · - ·				····-			
		pink K spar towards footwa							*** **** *** ***			l			
											}	<u> </u>			

LOCATION	308.3	M N 021 3 m E			n	ALPI						HOLE	No.	Į,P	AGE NO.
				D	RILL H	OFF T	VG					HA	8H - 2	14	of 5
AZIM.		ELEV: 294 m			D10	T. O. T			PROPE	RTY: Hun	ter_Cla	im-Grou	D		
DIP: -45		LENGTH: 49.07M (161 ft.)				TEST									_
		CORE SIZE:	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM	NO: Hun	ter l				,
STARTED:		25, 1984							SECTIO	N:					
COMPLETED	August	25. 1984	Ll						LOGGE	DBY T.C	. Scott				
PURPOSE:	To inte	rsect River Vein and No. 2 Vein					<u> </u>		DATEL	OGGED: A	ugust 3	1. 1984			
		<u> </u>							DRILLI	NG CO: RO	ger's D	rilling	Service	es Inc.	
CORE RECO	VERY:	98%					•		ASSAY	ED BY: C	hemex_1	ahs Ltd			
FOOT	AGE	DESCRIPTION			SA	MPLE	FOOT	AGE	LENGTH	1		ASS	AYS		
FROM	TO	Description	l			NO.	FROM	TO	LENGIN						
13.02	16.78	Melanocratic Gneiss - metavol	canics							l		1			
		- 80% chloritized mafic mi	neralc	······						l		T			
		- foliation at 57%.A. ind						 		l	.				
		by alignment of 3 cm bioti						i				1			
		crystals and feldspars										1			
		-occasional aplitic zones	parallel												
		and crosscutting foliation													
		increase with depth giving	the			-									
		rock the appearance of a m	afic bre	ccia.											
		-44.38m: 9 cm fine graine	d gray												
		granular bend (Ash horizon	?)			1.									
		-Note: 14.32m to 17.37m r	ecovery	75%											
												J			
16.78	49.07	<u> Mesocratic Gneiss - meta volc</u>													
		 fine grained dark grey b 	ands												
		up to 30 cm wide separated													
		5 cm wide felsic segregati - banding less prominent t													
		<u> </u>													
	****	-17.68m: foliation at 70%													
		-21.94m: foliation at 62%													
		- 23.92m: hairline fractu	res fill	ed											<u>_</u>
		with epidate at 43%C.A.													
		-26.33m: watercoarse (fau	lt), tra	ce											
		pyrite and alteration enve	lope at	407C.A.				I							.
		-27.43 to 28.19m: Felsic	-		K5										
		of biotite, trace of large	pink K	spar		I									
		towards foot wall.													

LOCATION		N Q21 3m E		D	RILL H	OLE L	.OG					L	A 8H - 2	2 f	PAGE NO. 5 of 5
AZIM: 200)	ELEV: 294 m			010	TEST			PROPER	RTY: Hu	nter Cl	aim Gro	up		
DIP: 45	9	LENGTH: 49 07M (161 Ft.)	,	 				·							··
	·		FOOTAGE	READING	CORRECT	FOOTAG	E READING	CORRECT	-		unter-L				
	August 2	5, 1984	1					<u> </u>	SECTIO						
COMPLETED	: Augu	st 25, 1984						<u> </u>	LOGGE		T.C. S				
PURPOSE	To inter	sect River Vein and No. 2 Vein							DATEL	oggedAu	gust 31	, 1984			
									DRILLI	NG COROR	ers's D	cilling	Service	sInc.	
CORE RECO	VERY:	98%							ASSAY	ED BY: C	hemex L	abs Ltď			
FOOT	AGE	DESCRIPTIO			S/	MPLE	FOOT	AGE	LENGTH			ASS	AYS		
FROM	TO	DESCRIPTIO	N		1	NO.	FROM	to	LENGIH		Au oz/	Ag con	Cuž		
											Eōh	1.3 19.	<u> </u>	7	
		-44,74 m to 45,44 m; sev	eral 0.5	cm.		34-4	44.78	44.97	0.10_		0.018	0.08	0.02		
		quartz - delomite stringe			_^	, a	U		_U_1U_		n-aro.	u. uu			
		chlorite and trace of pyr									t				
		and chalcopyrite @ et? [.	A.;							 					t
		Foliation at 207C.A.; cor	spicuous								t				
		alteration envelope													
		-47.91m: translucent quai	tz with		Δ.	34-5	47.94	48 01	0.07		0.262	0.18	10.01		
		clolomite in bleached all				.,	1,1,1,1	-10101				••••	10.01		
		envelope, pyrite in quart													
		2nd envelope; hemetite o													
		fractures; H W 70%C.A.													1
		-48,16M; Poliation at 69	2 C.A.												
		-48.49m: quartz stringer	at 65% C	. A.											
		across foliation													
	49.07	End of Hole .										,			
							b								
											 				ļ
											f				l l
				····						·					
															· - · · - · ·
											l				
			 												
										·					
·															

_

LOCATION	308.3mH	- Q2 L. 3mE		ת	D11 1 L	IOLE L						HOLE	No. 484-3		AGE NO.
AZIM: 29				v	WILL	IVLEL	บน		****	RTY: Hu	ntar fl	1		Ľ	of 4
	70	294m			DIP	TEST			PROPE	RIY: NU	miler Cr		up 		
DIP: -66°	·	ELEV: 294m LENGTH: 55.2m (181 Ft) CORE SIZE: B Q	ECOTAGE	DEADING			READING	Leonorez	7 51 4114	NO. II			·· ·		
STARTED	August 2	r 1006	54.9m	-71°	CORRECT	FOOTAGE	HEADING	COMMECT	SECTIO	NO: Hunt	<u>er !</u>				
COMPLETER	August 2	5, 1964 st 29, 1984	34.50	-/		ļ	·}			:D BY:					
							·	- 				. Scott			
PUNFUSE.	To inter	sect River Vein and No. 2 Vein		 		 	ļ		DATE	LOGGED:	Septemb	<u>er 1, 1</u>	984		
CORE RECO	VEDV	95%		 	!		 	 	ASSAY		ogers v	rriting	361416		
			L	l		 		105/				A CC	AYS	··	
FROM	TAGE met	DESCRIPTION	}		s	AMPLE NO.	FROM	AGE (met	LENGTH	 	1 0z/	Ag tốn	A13	Γ	I
PRUM	- 10	 				NO.	FRUM	- 10	meters	ļ	Au Ion	Ag ton	Cu &	ļ	
		· · · · · · · · · · · · · · · · · · ·								 	<u> </u>	ļ	ļ. 		
Q	4.12	Overburden										:-			
				···						 		-	ļ	ļ <u>.</u>	
4-12	4-57_	Pegmatite	······							<u> </u>	 	 	ļ	<u> </u>	
4.57	14.94	Mesocratic Gneiss - metavolca		·· ····						 	I	 			
4.5/	14.94	-dark; foliated; felsic au								·}			ļ	 _	
		-occasional felsic band pa								 	ļ				
						<u>-</u>				 	ļ <u>.</u>				
		foliation at 40°C.A.; mafi predominantly biotite with		·						ļ	<u> </u>				
		few 0.3 cm broken hornblen	de frans	<u> </u>						 	 				
		-9.30m: 15cm pegmetite wi					·				ļ			l	
		salmon and porcelainous fe									ļ				
		and amethystine quartz; ma	opetite							ł	l	·	·		
		to 0.4 cm.	giictvee												
			·												
		-12.89m: River Vein – wea	k		A	84-6 1	2.89	12.95	0.06		0.030	0.05	L0.01		
		sericitic alteration envel		r											
		6 cm. containing 1 mm quar													
·		stringer at 70%C.A.; folia	tion												
		at 40%C.A.								.					
14.94	20.33	Leucocratic Gneiss - metavoic	an i cs		-						THE THE TAX		W 41 MAN TO TO TO		
		- soft, light grey													
		- 30% mafic (biotite)													
		<u>- stretched felsic augen i</u>	п пррег	section						l					
		grading to porphyritic tex	ture tow	vards fo	otwa 11						#*************************************				
		-foliation: 35%C.A. @ 16.	15m; 559	C.A. @	20.12m;									Ì	
		75%C.A. @ foo	twall												

LOCATION	308.3mN	- 021.3mE		D	RILL	HOLEL	0 G					L	84 - 3	2	age no. of 4
AZIM. 290	٥	ELEV: 294m			5.0	P TEST			PROPE	RTY: Hunt	<u>er Clai</u>	m Group			
DIP: -66	0	LENGTH: 55.2m (181 ft.)					,								
		CORE SIZE: B Q		1	CORREC	FOOTAGE	READING	CORRECT	4	NO: Hunt	er l				
	August		54.9m	-71°			<u> </u>	l	SECTIO						
COMPLETED	August	29, 1984		<u> </u>		_	<u> </u>		LOGGE	DBY: Ţ.	Ç. Scot	ţ			-
PURPOSE: T	o inters	ect River Vein and No. 2 Vein				<u> </u>			DATE	OGGED: S	eptembe	r I, 19	84		
							<u> </u>		1		ger's D	rilling	Service	es Inc.	
CORE RECO		95%			<u> </u>		<u> </u>	<u> </u>	ASSAY	ED BY:					
FOOT	AGE (met	ers) DESCRIPTION	ì		.]	SAMPLE		AGEnete	LENGTH				AYS		
FROM	то	2201111101				NO.	FROM		meters		Auton_	Ag Fon	Cu %		
						1									
20.33	26.40	Melanocratic Gneiss - metavol													
		-characterized by 2cm biot	ite por	phyrobla	st's					l					
		(chloritized) in 2 fine ch	lorite	telsic n	afrī										
		-irregular felsic flood to			1										
		resulting in a breecia; t	race py	rite											
		-23.38m to 24.05m: fine g	rained_o	dark ore	v										
		sandy unit similar to that	in Hole	е на 84-	2;]
		H W contact 30%C.A.													
26.40	42.36	Mesocratic Gneiss - metavolca	nic							1					
		- dark to medium grey													
			crascas												
		with depth and feldspar ph													
		become more conspicuous		<u> </u>											
		- 31.24m to 31.40m; felsi	c segre	gations											
		(dykes?) have sharp contact	ts with	no											
		wallrock alteration; para	llel to	foliati	on										
		at 60%C.A.; biotite blades	occur a	as clust	ers					l					
		and rosettes; often contai								l					
	·	hornblende fragments.								Ī					
		-34.74m to 40.63m; 6 pegm	alite v	oins											
		6 to 12 cm; weakly amethy	stine a	uartz:											
				:: = =	J										
					I										
													• • •		
					[
														-	

LOCATION	308.3mN	- 021.3mE		D	RILL	HOLE	LOG					HOLI HA	E No. 84 - 3		PAGE NO. of 4
	90°	ELEV: 29Am							PROPE	RTY: HL	inter Cl	aim Gro	up		
DIP: -	66°	LENGTH: 55.2m (181 Ft.)				PTEST									
		CORE SIZE: B Q	FOOTAGE	READING	CORREC	TFOOTA	E READING	GCORRECT	CLAIM	NO: F	unter 1				
STARTED:	August	25. 1984	54.9m	-71°					SECTIO	N:					
COMPLETE	D Augus	t 29, 1984							LOGGE	DBY: T	.C. Sco	tt			
PURPOSE	To inter	sect River Vein and No. 2 Vein							DATE	OGGED:	Sentemb	erll	984		
		· ·			,				DRILLI	NG CO: RO	ger's D	rillina	Service	es Inc	
CORE REC	OVERY: 9	5%							ASSAY						
F00	TAGE (mete	rs)				SAMPLE	FOO	TAG Fieter	S	T		ASS	AYS		
FROM	то	DESCRIPTION	V		- 1	NO.	FROM	10	meters		Au OF	Ag OZ/	Cu 2		T
		Subparallel to filiation:						<u> </u>		 	1	10	<u> </u>	 	
	1	-40.23m to 40.54m; very	fine grai	ned da	rk						 	·		 	
	<u> </u>	grey band as in HA 84-2;	HW 459C.	Α.							·	ļ			
	 		******							 	 	 		1	
42.36	43.56	Quartz-Dolomite-Veins N			ral /	184-7	42.64	42.79	_0.13_		0.014	_0.03	L0.01		
]	quarts stringers.	nhe aron	IU_3EYE			·							l	1
<u> </u>	1	-42.64m: 15cm translucen	t white o	uartz.						l	†			1	
		subhedral in vugs; trace			i-					 	 			 	l
	1	Fe-carbonate frags.; F W	757C.A.				· · · · · ·				·				
		-43.00m to 45.35m: slx l	cm qtz-c	t o l							·	 	I		†
<u> </u>		stringers with trace pyri	te at 35°.	and				<u> </u>			 	 			ļ
		70°C.A.								ł	 		 -	l	
										!	 		 		<u> </u>
43.56	55.2m	Mesocratic Gneiss - metav	olcanics				<u>-</u>				 				
ייביינדי.	1	- as above	0.00					 			 	 		l	
		-quartz-dolomite stringer	s with al	terati	on			 			 				
	<u> </u>	envelopes and traces of p	velta at	44 99m	45 04	m (Rite	57)	l			†		·	l	
l		49.99m and 50.90m; at 60°	to 80%C	A. 11	100 j tr.	/III \ DI EQ	317				 			l	
} 		present.	10 00,01	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						 	 		 	l	
	1		-114-					l					 	 	
		-50.90 m to 51.27m: Pegm influenced by alteration		around								<u> </u>		 	
	l	above veinlets: sericiti		around							İ	·		l	
<u> </u>		-epidate stringers @ 807		lation							ļ	 	<u> </u>		
	l	e50%C.A.								 	 	l	l		
					<u> </u>			·		l		l			
	 														
	ļ														
l —										l -					
.	l							 		·	·		 		

LOCATION	_308_3mN	- 021.3mE			RILL	HOLE L	OG.					HOLE	No. 84 - 3		AGE NO.
AZIM: 290					IVILL I	IVLL	o u		89086	aty: Hun	ter Cla				7 01 7
		ELEV: 294m LENGTH: 55.2m (181 Ft.)			DI	TEST			HOFE	1117. 11011			<u> </u>		
DIP: -66	·	CORE SIZE: 8 0	FOOTAGE	READING	CORREC	FOOTAGE	READING	CORRECT	CLAIM	NO:	Hunte				
STARTED		8 0	1.00			1.0017.00	THE ADMIN	Connect	SECTIO		nunce	L- '			
COMPLETED)		<u> </u>			- 	- 	ļ							**
PURPOSE:					l		·		DATE	D BY: T	.C. Sco	tt 1 10	S.I.		
						 	1	 	DRILLI	NG CO: Ro	ger's D	rilling	Servic	es Inc.	
CORE RECO	VERY:					+		 	ASSAYI		901 3 0				
F001		<u> </u>	<u> </u>	1	۲.	SAMPLE	FOOT	AGE	<u> </u>	I		ASS	AYS		
FROM	TO	DESCRIPTION				NO.	FROM	TO	LENGTH		l		Γ		Ι
	<u> </u>											 			
	·—····································	-53.77m to 54.25m; fou	. 1									l			
		aplitic stringers paral	el foli	ation						·					
		-54.86m and 55.14m; ble	eached								ļ				
		sericitized alteration :	ones									l			
				· · · · · · · · · · · · · · · · · · ·							ļ ———				I
	55.2	End of Hole													
															
				 											
											 				
											ļ				ļ
															[
								<u> </u>							}
											!				·
											ļ				ļ
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	-									<u> </u>					·
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											l				

LOCATION	312.2N	_67.5E		D	RILL	IOLE L	OG					HOLE	No. 84 - 4	1	AGE NO.
AZIM: 35	7°	ELEV: 312m					-		PROPE	RTY: HL	nter Cla			1.	<u> </u>
	5°	LENGTH: 115 0 /270 6.	`		DIP	TEST									
	•	LENGTH: 115.2m (378 ft cone size: B Q 30, 1984	FOOTAGE	READING	CORRECT	FOOTAG	READING	CORRECT	CLAIM	NO: Hun	ter l				
STARTED:	August	30, 1984	14.6	070					SECTIO	N:					
COMPLETED	Septem		114.9						LOGGE	DBY:T.	. Scott				
PURPOSE:		rsect River Vein at depth	11409-	-07	i		T		DATE L	OGGED: 5	eptembe	r 4. 19	84		
below N									DRILLI	NG CO ROC	er's Dr	illing	Service	s Inc.	
	VERY: 98						<u> </u>		ASSAY	ED BY: Ch	emex La	bs Ltd.			
FOOT	AGE (met	ers) DESCRIPTION			s	AMPLE	FOOT	AGE	LENGTH			ASS	AYS		
FROM	TO	0200111 1101	•			NO.	FROM	TO	CENTOTT						ll
	· · · · · · · · · · · · · · · · · · ·	3													
	5_79	Overburden													
5.79	44.04	Mesocratic Gneiss - metavol													
		-40 to 65% mafic (biot.)						 -	ļ				
		-characterized by dark,								<u> </u>	ļI	·			
		grained (1.5mm) mafic r alternating with narrow	bands	5						ļ	 				
		of more felsic, coarser	hands (25cm)						 	ļ				
		-speckled with 1mm buff								ļ	 				
		grains (clay mineral?)													
		-rare 2 cm felsic string	ne r												
		· · · · · · · · · · · · · · · · · · ·									 				
		crosscutting foliation	40 4100	1											
		-darker fine grained bar increase in grain size a							·····	ļ	<u>-</u> -				
										ļ					
		lighter in colour in an direction (remnant grade		21							i				
		direction tremmant grade	<u>sa veaar</u>	11917											
		-9.30m: Pegmatite - cor	rspicuou	5											
		K spar and amethystine of													
		15 cm; 45%.A; wallrock	ANGI PET	····											i
		foliation 15%C.A.					<u> </u>								
i	- "	-13,10m to 14,94; sever	ral apid	ote-	<u>i</u>										
	-	carbonate filled hairlin			<u> </u>										
		75° to 90° C.A.			I										
		-16.76m to 18.30m: Fels	ic dyke	:											
		aplitic with occasional	grz cry	stal											1
		to 1 cm; characterized b	y small		l										

LOCATION	312.2N	67.5E		n	RILL H	OI E I						HOLE	No. 84 - 4		PAGE NO.
				V	WILL U	OLE L	UU			11	nter Cla				of 5
AZIM: 35		ELEV: 312m			DIP	TEST			PROPE	RTY: HU	nter Lia	aim Gro	up 		
DIP: -85	<u> </u>	LENGTH: 115.2m (378 ft.)					 		,						
		LENGTH: 115.2m (378 ft.) CORE SIZE: B.Q.			CORRECT	FOOTAGE	READING	CORRECT	CLAIM	110	nter l				
	August 3	0, 1984		87°					SECTIO						
COMPLETED). Sentem	her-1-1984	114.9	87°				İ	LOGGE	DBY: T.	C. Scot	t t			
PURPOSE: 1	o inters	ect River Vein at depth							DATEL	OGGED:	Septemb	oer 4,	1984		
below	N. Drift								DRILLI	NG CO: R	oger's l	Drillin	g Servi	ces Inc	
CORE RECO	VERY:	98%				i			ASSAY	ED BY: Che	mex_Lab	i Itd.			
FOOT	AGE	DECODINE			SA	AMPLE	FOOT	AGE				ASS	AYS		
FROM	то	DESCRIPTION				NO.	FROM	то	LENGTH						1
		disseminated rosettes of	blotit	e;									<u> </u>	.	
		F W contact 23°C.A. (per			<u> </u>			<u> </u>			<u> </u>				
		to wallrock foliation at	40% C	Α.									l	l	
		to wattrock forfaction at		• • •									l	<u> </u>	
		-22.56m to 28.04m: Fels	Ic dyke	and							li		l	 -	
		pegmatitic flood; difus	ed cont	acts;							l		<u> </u>	ļ	
		amethystine qts; band of	fine											 	
		biotite blades parallel	to cont	acts;										}	
		no wallrock alteration					<u>-</u>							ļ	
		III WATTIOCK ATTERATION													
		-32.46m: bleached alter	ation												
		around fractures 1409 C.	A. ;tra	ce											
			·												
		-rock becomes more matic	toward	S							ļ				
		43.9m.	·												
															I
		-40.23m: 0.8, wide Pegn													ll
		2 cm amethystine quartz	with												
		conspicuous K spar: H W	parall	el .											<u> </u>
		foliation at 40% C.A.; b	lades o	† 											
		biotite up to 0.5 cm (ch	ioritiz	ea);							·				ll
		trace magnetite to 0.2 c	m								·				
											<u> </u>				
		-43.28 m: gradation ove	r 30cm]			l	l
		from coarse Leucocratic	(top) to	0							II				l
		fine grained mesocratic	helou:												
		shall contacts.													
						I									
															1
		`									l:				† · · · · · · · · · · · · · · · · · · ·

LOCATION	312.2N	67.5E										HOLE	No.	F	AGE NO.
				D	RILL	HOLEI	.0G					Щ	A 84 -	4 3	of 5
AZIM: 35	7°	ELEV: 312m							PROPER	RTY: Hun	ter Cla	im Grou	ρ		
DIP: - 8	5°	LENGTH: 115.2m (378 ft.) CORE SIZE: B Q				IP TEST									
		CORE SIZE: B Q	FOOTAGE	READING	CORRE	CT FOOTAG	E READING	CORRECT	CLAIM	NO: Hun	ter l				
STARTED:	A	0, 1984	14.6	87°_			1 .		SECTIO	N:					
COMPLETE	- August - 7	ber 1, 1984	114.9	070					LOGGE	DBY: T.	C. Sco				
PURPOSE	To inter	sect River Vein at depth below		-874			<u> </u>	1	DATEL	OGGED: S	entembe	r 4. 19	184	•	
N. Dri									DRILLI	NG CO. RC	aer's D	rilling	Servic	es Inc.	
CORE RECO	VERY:	98%								EDBY: (
F001	AGE	DESCRIPTION				SAMPLE	FOOT	AGE	LENGTH			ASS	AYS		
FROM	10	DESCRIPTION	•		ı	NO.	FROM	TO	LENGIA						
		į.								1					
44.04	62.18	Leucocratic Greiss - me	tavolcan	ics										FF 70000 141.111.141.14	
		generally 30% chloritiz	ed mafic	s (bi)		***************************************	[· · · · · ·	
		In 1 mm x 10 mm streaks	; felsic												
		component displays porp	hyritic												
		exture to 1.0 cm; augen	7 matic												
		content increases sligh	tly with	depth.											
		-47.39m: Felsic dyke,	18 cm;												
		65% C.A.; perpendicular	to												
		foliation at 30% C.A.													}
		-48.46m: Felsic Flood;	pegmati	te, -											
		1.3 m.		· · · · · · · · · · · · · · · · · · ·											
		1.,													
		-54.86m: 1.8m Pegmati	to: may												
		correspond to 51.1 m (H	la 84-5):												
		zone subparallel to cor	e.												
62.18	70.56	Mesocratic Gnelss - fel	stc grai	πs,											
		still display weak porp	hyritic					-1							
		texture; foliation 309	C.A.												
70.56	102.11	Leucocratic Gneiss - as	above												
		-73.45m: 15cm Pegmatit	e, 15% C	.A.											
		-75.89m: 45cm Pegmatit	e, 35% C	.A.	1										
		-83.21m: 30cm Pegmatit	e, 107 C	.A.											
		-84.58m: epidate alter	ation pa	rallel		- 									
		to C. A.													''''

LOCATION	312.2N	67.5E		n	RILLH	INIFI	OC.					HOLE		- 1	AGE NO.
				Ų	AILL	IVLL	vu						84 - 4		of-5
AZIM: 35		ELEV: 312m			DIP	TEST			PROPER	Hun	ter Cla	m Group	2		
DIP: 8	5°	LENGTH: 115.2m (378 ft.)	r======					1					*****	
STARTED:		CORE SIZE: B.Q.		 	CORRECT	FOOTAG	E READING	CORRECT	CLAIM	H(inter. 1.				
COMPLETED		30, 1984		_=87°	 	·			-						
		ber 1, 1984	114.9	87°	ļ	ļ			LOGGE		T.C. Sco) <i>I</i> .		- 1
PURPOSE: -	To_inters	ect_River_Vein_at_depth_below-		<u> </u>						OGGED: Se					
N. Drift	t			<u>:</u>		ļ	.		DRILLI	NG CO: RC	ger's I	rilling	Servic	es Inc.	
	VERY 98%		.	l	<u> </u>	<u>L</u>	1		ASSAY	EDBY: (Chemex L	abs Ltd	1		
FOOT	AGE	DESCRIPTION	1		s	AMPLE	FOOT	AGEmete	SENCTH.	l			AYS		
FROM	TO	DESCRIPTION	,]	NO.	FROM	TO			Au Offor	Ag OZ/	n Cu%		[
									meters						
		-85.80m: 15cm Pegmatite	709 C	Δ											
		foliation in wall rock											*** Bankara		
		magnetite up to icm	12: <u>V://:</u>	•——											
															l I
		97.03	11.1						· 		l			·	
		-87.93m: Pegmatite para foliation at 35% C.A.	illei												·
		TOTIALION AL 35% C.A.													
		-90.52m: 1.4m Felsic dy	ke. 459	Г А •							l			l	
		followed by several meso	cratic	bands					L						
													;		
		-93.88m to 98.45m: seve	1 416												
		pegmatitic zones; folia				,									i
		pegmatitic zones, 7011a		10 30											
				·							·				
		-99.97m: weak gradation			<u> </u>										
		grained dark bands to co	parser I	ight											
		bends with depth													
102.11	115.21	Mesocratic Gneiss - as a													l
		generally fine grained b													l [
		with patchy felsic segre	gations												
														· · · · · · · · · · · · · · · · · · ·	
		-105.85m: bleach altera	tion zo	ne		A84-9	_105.85	105 92	0.7			0.07	1 001		
		7 cm.; 269 C.A.; trace	ny (hit	es?)		7,04-9	_,,09,09	(V) 7 =			-07070	-0107	1,00,		
		-River Veln?													
]															1
		-108.20m: foliation 33%	C.A.												1
		~110.64m: Pegmatite wit	L 416								· · ·				
		F W 279 C A	u_uttus	eu zone:	·, -										l

LOCATION: 31	.2N 67.5	E		n	DII I	UALF 1 /		 			······································	HOL	E No. A 84 - 4		PAGE NO.
AZIM: 357° -		ELEV 312m		U		HOLE LO P TEST	Սն	·	PROPE	RTY: Hu	inter Cla	L			of 5
=85°		LENGTH: 115-2m (378-ft.) CORE SIZE: B Q	FOOTAGE	READING	CORREC	FOOTAGE	READING	CORRECT	CLAIM		inter 1				
COMPLETED: PURPOSE:									LOGGE	D BY:	T. eptember ger's Dr	C. Sco 4, 19	984	es Inc	-
CORE RECOVERY						1	<u> </u>	<u> </u>			emex Lab	s Ltd			
FOOTAGE FROM T	D	DESCRIPTION				SAMPLE NO.	FOOT FROM	TO TO	LENGTH			AS	SAYS	T	
	152	-112.10m: Diffused peg by lcm quartz-dolomite with chlorite, hematite sericitic envelope; 30 -114.45m: epidote on f End of Hole Note: rock has surprisingl across foliation and perpendicular to C.A foliation.	stringer; bleach ? C.A. ractures y few fr tends t	at 453 actures o break											

. .

LOCATION	312.2N	69.5 E		n	RII	HOLE L	OG					HOLE	No. A 84-5	9	AGE NO.
AZIM: 35	57°	FIFV					. V u		PROPE	RTY:					
		ELEV 312 m			DI	P TEST				н	unter Gro	•			1
DIP: -67		CORE SIZE: B Q	FOOTAGE	BEADING	COBBEC	TEODTAG	E READING	COBBECT	CLAIM	NO. II	unter 1				
STARTED:	Cantar	ber 1, 1984	 	 		TOOTAG	- Inchomo		SECTIO	!	unter I				
	Septem	ber 2, 1984		74°	 		- 	·	LOGGE						
	<u>-</u>		121.9	_74°	ļ			·	4		T.C. Scot				
		ect River Vein at depth below		ļ	 			<u> </u>			Septembe				
North				<u> </u>	<u> </u>			ļ			oger's Dr General	Tosting	Service	s inc.	
CORE RECO		₊ 982	1	<u> </u>	<u> </u>	J	<u> </u>	L,		ED BY:	uenerar				
	AGE met	ers DESCRIPTION	J			SAMPLE	FOOT	AGE mete	LENGTH	ļ	- 		AYS		
FROM	TO		· · · · · · · · · · · · · · · · · · ·			NO.	FROM	TO	meters-	L	Au OZ/	Ag OZ	Sn		
								[
0	6.10	Over burden						l						l	
6.10	41.60														
		dark fine grained bend	65% mef	ic											
		alternating with medium	graine	d											
		lighter bands 55% mafi	c; weak												
		gradation from fine gra	ined to							1					
		coarser grained within								1	_			†	
		as depth increases; wea								1	-				
		(auger) texture through								t					
					— <u> </u>					 -					
	 -	-7.16m: Falsic dyke -	anlitic	to				t		l					
		pagmatitic; 30° C.A.; c	oarse							<u> </u>				ļ	
		<u> </u>								1	-	·		 -	
		muscovite, minor biotit								 			<u> </u>	l	l[
		-11.52m; opidote and w -11.89m; 15cm Pegmalit	eak bied	r A						 				<u> </u>	
		-11.03m: 13cm regnarit	e, 002							 				ļ	
		·35.59m: 4cm quartz ve	in with	pyrite						l					
						\$85-1	35.57	35.63	0.06	 	_ 0.00	0.03			
	-	2nd alteration envelope -37.18m: Foliation 459								1					
41.60	69.04	I	L.A.							l				<u> </u>	
41.00	07.04									ļ ——					
		-medum to coarse graine								ļ					
		conspicuous felsic phen	ocrysts	(auger)						 				ļ	
		up to 2 cm; 30% mafic	- fine c	grained											
		blotite, content increa	ses with	n depth]_										
]			.				
							l								
											_				
								1							

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LOCATION	312.2N.6	9.5 E	D	RILL H	OLE L	OG					E No. 84-5		PAGE NO. of 4	
AZIM. 357°)	ELEV: 312 m							PROPE	RTY: Hunter	_Group			
DIP: -67		LENGTH: 407 ft (124.0	м)		DIP.	TEST				UMULL	_01004			
		CORE SIZE: B Q	FOOTAGE	READING	CORRECT	FOOTAG	EREADING	CORRECT	CLAIM	NO:	Hun	ter l		
STARTED:	Septem	ber 1, 1984	15.2	74°					SECTIO	N:				
COMPLETED		ber 2, 1984	121 0	74°					LOGGE	DBY: T.C.	\$çot t			
PURPOSE:	To inter	sect River Vein at depth below						· · · · · ·	DATEL	OGGED: Sept	ember 6.	1984	-	
North		SECT MINEL TOTAL SEPTIMESTON					T		DRILLI	NG CO: Roger	's Drilli	ng Servi	ce Inc.	
CORE RECO		98%							ASSAY	ED BY: Genera	Testing	Laborat	ories	
F001		ſ '		L	SA	AMPLE	FOOT	AGE		1	AS	SAYS		
FROM	TO	DESCRIPTION	V			NO.	FROM	TO	LENGTH		<u> </u>	1	T	
		<u>.</u>								i		 	†	
,		-41.76m; 1.2m Felsic	Dyke - di	fused	<u> </u>					ll		1	1	
		aplitic to pegmatitic;	patches	of								1		
	· · · · · · · · · · · · · · · · · · ·	biotite concentration	(may							 		1	1	
		correspond to HA 84-6:	23.77 to	26.827) —	·		i	 ~	 		†	1	T
												1		
		-42.97m: 15cm fine gr									1			
		band, 28% C.A. (may be	1)							 	1			
	· · · · · · · · · · · · · · · · · · ·									1	1	1		
		-49.68: Pegmetite - 2	4m:											
		numerous cloudy, diffu	sed patch	ies									i	
		(sericite + biotite),	amethysti	ne								<u> </u>	1	
		quartz (probably H84-4	. 54.86)									-i	l	
		F W 25° /C.A.	, ,,,,,,,									1		
												-		
		-54.86m; Pegmalite 15	cm 309 (· A										
_ 			<u> </u>											
69.04	115.82	Mesocratic Gneiss: as	above,										1	
		ghosts of felsic pheno	crysts (a	ugen7),									1	
		biotite to chlorite										-		
													1	
		76 27 0 1 1-2	otite ==:									-	1	
		-74.37m: Peg., lm, bla 257 C.A.	orrie_to:	ETTE2										
		HADA							-			1	1	
		-77.11m to 85.95m: ge	nerally	finer		<u>-</u>						1	1	
	-	grained and darker.									T	·		[
												1		
			The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon									1		
		-80.16m: cm dolpt	-80.16m: 1 cm dolptz. veinlet, 409 C.								-		1	
		-80.31m; 7cm peg. 40%	C.A., D6	rpendic	ular to	above	veinlet					1		1

LOCATION	312.2N	59.5 E		DILL I	INIEI	00					HOLE			AGE NO.	
				U	KILLI	HOLEL	.VG						84-5	B	of 4
AZIM 357	0	ELEV: 312 m							PROPER	RTY:	Hur	iter Gro	oup		
DIP: -67	1	LENGTH: 107 St. (121.0 H)				TEST									
		LENGTH: 407 ft. (124.0 H)	FOOTAGE	READING	CORRECT	FOOTAG	E READING	CORRECT	CLAIM	NO: Hu	nter l				
STARTED:	<u> </u>		15.2	74°.					SECTIO						
COMPLETED	Septemi	per 1, 1984	121_9	_74°				i	LOGGE	D BY:	T.C. Sc	ott			
PURPOSE:	septem	sect River Vein at depth below	1-121-9-	<i> </i> -4				l	DATEL	OGGED:	Septembe	6 10	ag),	-	
North D	10 111613	Sect Mivel Velli at depth below		 		†			DBILLI	NG CO:	Roger's	neillia	a Servi	re Inc	
CORE RECO					<u> </u>	·					neral Te				
FOOT			L	l	<u> </u>		5007	1					AYS		
		DESCRIPTION	i		1 5	SAMPLE NO.	F001	AGE mete	LENGTH	 	u OZ (I
FROM	10					NO.	FROM	TO n	eters		u to	Ag tòr		ļ	
		*													
		-80,46m; hairline fract	ure with	<u>epidat</u>	e										
		55% C.A.		-			1	ŀ					· ·		
		-87.02m: 0.7m Falsic C	vke. dif	fused c	ontacts										
			,,												
		-89.31m: 0.5cm quz-dol	. string	er with											
		chl. and hem., pyrite i	n altera	tion							L			l	
		envelope, 80% C.A.													
						I									
		93.70m: qtz-dol. strin	ger as a	bove											
		99.06m: pyrite with ma	fics, pa	rallel	foliati	on @ 40	7 C.A.								
		99.52m: Peg., 0.22m, F	W 259 C.	Α											
		diffused contacts	271 01	····											
		-109.42m: banding suggests													
		from fine grained and d	progres	SION .	01150553	tic									
		with depth	aik to c	.Oaise L	eucogi a	LIL				l				*******	
		aren depen	· · · · · · · · · · · · · · · · · · ·							 					
		110 10 0													
		-110.19m: Peg., 0.8m,	HW 257 C	.,А,											
		-111.30m to 111.77m: t	broo l -			84-10	111 20	111.77	1 /10		0.003	0.03			
		dolomite veinlets with				104-10	-111.20		1.49		0.005	0.03			·
		pyrite in alteration en		· •											
		70° /C.A.			_					ļ					
		,									l	ļ			
1															
										l	<u> </u>]
														I	

LOCATION	312.2N	69 5 F										HOLE	No	1	AGE NO.
	712.21	97.7		D	RILL H	OLE LO	DG						84-5	- 1	
AZIM: 357		ELEV: 312 m				~ m = .	- -		PROPER	ATY:		Hunter !			of 4
DIP: -67		LENGTH: 407 ft. (124.0 m)			ÐIP	TEST						Uniter	ni onb		
		CORE SIZE: B q	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM	NO:		Hui	nter I		
STARTED:	Septembe	er 1, 1984	_15.2_	74° _					SECTIO	N:					
COMPLETED	Septembe	er 2, 1984	121.9	749					LOGGE	D BY:	T	.C. Sco	t t		
PURPOSE: T	o inters	ect River Vein at depth below								OGGED:		ber 6,	1984		
North									DRILLI	NG CO: Ro	ger's D	rilling	Service	: Inc.	
CORE RECO	VERY: 98%								ASSAYI	ED BY Gen	eral Te	stina L	aborator	ries	
FOOT		DESCRIPTION			S	AMPLE	FOOT	AGE mete	SENCTU	1		ASS	AYS		
FROM	TO	DESCRIPTION				NO.	FROM	TO	neters		u oz/	مع مع			
		-114.60m: Pegmatite, 4	0የ C.A.,												
		parallel foliation 15	cm												
		-114.91m; quartz Vein	- with c	lol.		A84-1	114.90	115.82	0.92		0.002	0.03			
		trace hematite, 75% C.A	., alter	ation						l					
		enve lope								<u> </u>				l	L
									<u> </u>					ll	
		- 115.21m to 115.67m:	four 3cm	1						<u> </u>					
		dolomite veinlets with	quartz										l		<u> </u>
		trace of hem., pyrite,	40° <u>65</u> °	•											
		80% C.A., note pale gre		cite)											
		coliform textured miner								ļ				ļ	ļl
		-each with alteration e	nvelope							ļ					
															lI
		-115.8cm to 124.05m: m	ore leuc	ocratic										ļ	
		-120.09 m: Foliation 4	T & C A												
		bending 25% C.A.){ U.M.,								ļ			ļ	ļl
										· · · · · · · · · · · · · · · · · · ·				 	I
		•													lI
	;24/-	End of Hole		 											<u> </u>
							. ———								
									<u> </u>						
							}								
												·• · · · · ·			
														· · · - · · · ·	
								· · -				<u> </u> ···			
			<u> </u>												

LOCATION	262 1	1 98E										HOLE	No.	T _P	AGE NO.
		301		D	RILLI	IOLE L	DG						84-6		of 6
AZIM: 21	0	ELEV. 326 m		_					PROPER	RTY:	11				
DIP: -6			tars		DIF	TEST					nun te	•			
×		LENGTH: 548Et (167.0m) me CORE SIZE: B Q	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM	NO: Hu	inter 1				
STARTED:	Septembe	r 4, 1984	5.5	73 7					SECTIO						
COMPLETED	Septe	mber 7, 1984		_63					LOGGE	DBY: T.C	. Scott				
PURPOSE	To inters	ect River Vein at depth	167.0	65					DATEL	OGGED	Septembe	r 9, 1	984		
	shaft								DRILLI	NG CO: Ro	ger's Dr	illing	Servic	e Inc.	
CORE RECO	VERY: C	89							ASSAYE	D BY: Gen	eral Tes	ting L	aborato	ries	
F001		DESCRIPTION				AMPLE	FOOT	AGE	LENGTH			ASS	AYS		
FROM	TO	DESCRIFTION	•		ŀ	NO.	FROM	TO	CENGIN						
0	3.0	Overburden 🤌													
3.0	10.97	Melanocratic Gneis - dark g													
		med. grained; 70% mafi													İ
		chlorited; 0.8 to 1.5c			SIC						ll_				
		phenos (augen?). trace	pyrite;												
		foliation 40% C.A.													
															ļ
10.97	35.66	Mesocratic Gneiss - 65% ma	fic,					 							
		finegrained - 1.5mm,									-				
		-17.37m: 15cm limonite	· water	COURSE											<u> </u>
		ault @157 C.A.									-				
		-25.15m: 15cm peg. @ 4	09 C A												
		-23.13m. 13cm peg. e 4	U4 C.A.												
		-28;04m: 10cm peg., 30	₹ C.A.												
											-				
		-30.32m: fine grained	bend par	allel											
		foliation @ 15% C.A., m	inor 1-3	cm											
		felsic bends, weak auge	n textur	es -							<u> </u>				
															
35.66	46.48	Leucocratic Gneiss = diffus	ed conta								-				
	30.30	40% mafic, blotite to													
		foliation @ 50% C.A.													
		-36.73m: epidate 65% C	. A.												
								I			[]			l
Ī					_										1

LOCATION	262N	98 E		D	RILLH	OLE L	OG				• • • • • • • • • • • • • • • • • • • •	HOLE			AGE NO.
AZIM: 2	40°	326m		_					PROPER	RTY:	Hunter		19-0		- 01-6-
	4u 65°	LENGTH: 548 Ft. (167.Cm)			DIP	TEST					HALLES.				
	<u> </u>	CORE SIZE: B O	FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT	CLAIM	NO: ,,					· · · ·
STARTED:	Septemb	per 4, 1984		<u> </u>	1	1	1		SECTIO		nter l			****	
COMPLETED		per 7, 1984	 5.5-	73 7		1		l	LOGGE	DBY: T	C. Scott				
PURPOSE	sepremo	sect River Vein at depth	81.7	-63 -65		l	·				Septemb		984		
	shaft	sect kiver vein at depth	167.0_			 			·						
CORE RECO		-00		 	 	 	 		ASSAVE	RO	ger's Di neral Te	LilLing.	Service	s-Inc-	
FOOT		98%	l	l	٠ ٦ ـ	AMPLE	FOOT	1	1 733716	Ger Ger	neral le		<u>.aborato</u> AYS	ries	
FROM	TO	DESCRIPTION]			NO.	FROM	AGE (met	UENGTH		07/			Γ	
FRUM						10.	FNOW	10	(meter)	Au Pon	Ag ťôń			1
					<u> </u>						.				
		-43.06m: Felsic Dyke,	2.8m, ap	ilitic,							ļ				
		aplitic, 3% biotite rose	ettes in	bends								ļ			ļ
		adjacent to contacts, H	√ 50% C.	Α							ļ			 	
											ļ				
48.48	99.06	Meocratic Gneiss - contact	t 559 C	. A.									ı		
		fine to med. grained, (0% mafi	с,											
		several felsic segration									ļ				
		foliation 0.5 to 1 cm.,	felsic	grains		<u></u>									
		display weak porphyritic	textur	e;											
		foliation 559 C.A.													
		-54.25m: 0.5 cm mud fil	1-1-6										l		
			Ted Tra	cture							ļ				
		@ 10% C.A.									l		-		J
											<u> </u>			l	l
		-55.19m: Quartz vein -	shatter	ed											l l
		quartz crystals, 10 cm,	50% C.A												
		pyrite in alteration env	elope					1						l	
														l	ll
		-55.19m to 57.30m: nume	rous			A84-16	66.17	55.29	0_12		0.002	0.04			l l
		epidate hairline stringe	rs = 45	C.A.									i	l	l
		·												l	l
		-57.60m: Felsic Dyke -	20 cm.										1	l	ll
	-	FW 45° C.A., 5% biotite	(not fo	liated)											
		minor sericite alteratio	n												
		,			İ								· · · · · · · · · · · · · · · · · · ·		
		-59.74m: Pegmatite - we	ak seri	ite											
		alteration on fractures	and HW o	ontact.			-							1	
								· ·]					- 1	i	• • • • • • • • • • • • • • • • • • •
						T T					I				1

LOCATION	262N 9	98 E	n	DII I	HALFI	00					HOLE		P	AGE NO.	
				V	KILL	HOLEL	Մև					L _{HA}	84-6	<u>با</u>	-of-6-
AZIM: 340	0°	ELEV: 326m				IP TEST			PROPER	ITY:	Hunter				
DIP:	5s	CORE SIZE B Q	neters)						,						
		CORE SIZE: B Q	FOOTAGE		CORRE	CT FOOTAG	EREADING	CORRECT			unter 1				
STARTED:	Sentemb	per_4,_1984	5.5	73 7			1		SECTIO						
COMPLETED	Septemb	per 7, 1984	81.7	63					LOGGE	DBY:	T.C.	\$cot t			
PURPOSE:	To inter	rsect River Vein at depth	167.0	65					DATEL	OGGED:	Septemb	er 9. l	984		
	below st								DRILLI	NG CO:	Roger's	Drillin	g Servi	ces Inc	
CORE RECO	VERY:	982							ASSAYE	D BYGen	eral Tes	tino La	borator	ies	
FOOT	AGE			<u> </u>	<u> </u>	SAMPLE	FOOT	AGE		4911	<u> </u>	ASS	AYS		
FROM	TO	DESCRIPTIO	N			NO.	FROM	то	LENGTH						
		, , , , , , , , , , , , , , , , , , , 													
		alteration envelopes a	round chl	orita						· · · · · · · · · · · · · · · · · · ·	 				
		hairline fractures; F	J 459 C A	VIILE.							11				
		parallel foliation	. 15, 016	••							 				
					 }										
		-62.18m to 67.66m: Fe	l sic flo o	d										i	
											 			i	
		-6645m: coarse pegmat	te with	amethys	tine.										
		quartz, foliation 25%	C.A								·			i	
		(0.10			 -						ļI				
		-68.12m: quartz-dolom 2mm, 15% D.A., weak al	te-chior	ite str	inger,	·					<u> </u>			ļ 	
		Zimi, 154 D.A., weak at	Let at 1011								ļI				
														i	
		-81.08m to 85.50m: co	rser gra	ined an	<u>d</u>			}			ļl			i	
		more felsic, diffused with 0.5cm magnetite,	pegmatite	to 82.	3m										
		with 0.5cm magnetite,	rollation	457 L.	A.			l		<u> </u>	1				
		-85.50m: Felsic Dyke,	2.4m, ap	litic w	ith					····	ļ				
		flecks of blotite, min	or peg.;	assimi	lation						ļ l				
		breccia at F.W.: 40% C	Α.											ı	
							<u> </u>	1							·
		-occasional 10cm very	ine grai	ned,	1			l			.				
		dark, laminated bands	35; C. A	•							1				
										_					
											[
			······································				l								
					-										
											1				

LOCATION	2621	1_98E		D	RILL	HOLE L	OG					HOLE HA	No. 84-6		AGE NO. of 6
AZIM. 341	o°	ELEV: 326m							PROPER	ITY:	Hunt	er			
	5°	LENGTH: 548Ft (167cm/meters	.)		ÐI	P TEST			***************************************						
		CORE SIZE: B 0	FOOTAGE	READING	CORREC	TFOOTAG	READING	CORRECT	CLAIM	NO:		Hunter	1		
STARTED:	9	eptember 4, 1984	5.5	73 7					SECTIO	N:			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
COMPLETED):	September 7, 1984	81.7	63					LOGGE	D BY:			T.C. S	cott	· ·
PURPOSE:	To inter	sect River Vein at depth	167.0	65					DATEL	ogged:Se	ptember	9, 198	4		1
below		State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State							DRILLI	NG CO: Ro	ger's D	rilling	Servic	es Inc.	
CORE RECO		98%							ASSAY	D BY: Gen	eral Te	sting L	aborato	ries	
FOOT	AGE	DESCRIPTION		· · · · · · · · · · · · · · · · · · ·		SAMPLE	FOOT	AGE				ASS	AYS		
FROM	TO	DESCRIPTION				NO.	FROM	τo	LENGTH						
99.06	99.46	Leucocratic Gneiss;												ļ	
99.46	103.63	Felsic flood, pegmatitic, ma	fic ric	h											
,,,,,,,	10).0	non-foliated	710	···,									·		
103.67	114.61		nal peg	matitic											
		zone, folalation 50% C.A	١.												
114.61	119.48	Mesocratic Gneiss - pegmatit breccia at contact.	ic Inje	ction										l!	
		preccia at contact.												 	
	·	-118.26m: fine grained	laminat	ed band	,— -								·		
		20cm, graded:; coarse b 409 C.A.	lotite	down, fo	ollatio	on									
		-grades into leucocratic	gnelss												
119.48	137.16	Leucocratic Gneiss - 40% ma	fic											i	
		-122.22m: felsic flood,	2.8m,	di ffused	i										
		boundaries.	···· - ··· - ··· - ··· ·											i	
		-131.06m: foliation 50%	C.A.												
												•			
137.16	148.74	Mesocratic Gnelss - fine gra	ined but	t lighte	r										
		than normal; mod. foliat	ion and	banding											
		-0.2 to 0.5cm quartz-dol	omite ve	einlets											
		a5 50% C.A., trace pyrit													
		TARE THE STANK PILLS	× 1												

LOCATION	262N 9	8E											E No.	P	AGE NO.
		•		Đ	RILL	. HOLE I	.UG					HA	84-6		of 6
AZIM: 3/	40°	ELEV: 326m							PROPE	RTY:	Hunte	r '			
	55°	LENGTH: 548ft (167cm(meter	·s)		_	DIP TEST									
	· · · · · · · · · · · · · · · · · · ·		FOOTAGE		COAR	ECT FOOTAG	E READING	CORRECT	CLAIM	NO:		Hunter	- 1		
STARTED:	Septembe	r 4, 1984	5.5	73 ?					SECTIO						
COMPLETED	Septembe	r 7, 1984	81.7	63	l				LOGGE	DBY:			T.C.	Scott	1
PURPOSE:	lo_inters	ect River Vein at depth	167.0	65					DATEL	OGGED	Septemb	er 9, 1	984		
belows	shaft	· · · · · · · · · · · · · · · · · · ·							DRILLI	NG CO: Ro	ger's D	rilling	Servic	es Inc.	
CORE RECO	VERY:	98%					1	1	ASSAY	ED BY: Ge	neral T	estina	Laborat	ores .	
FOOT	AGE	DESCRIPTION				SAMPLE	FOOT	AGE _{mete}	bructu			ASS	AYS		
FROM	TO	DESCRIPTION				NO.	FROM	TO	eters			Au OZ/	Ag ez/		
		<u>;</u>													
		and weak alteration enve	lopes at	137.92	n,										
		132.29m, 140.51m and 140	.66m		i		1							ļ	LI
	l														
		-144.63m: quartz-dolomi	te-chlo	rite ve	nlet									i!	
		2cm, 10cm alteration env											l		
		trace pyrite, hematite										I			
		-147.22m: Pegmatite, 30	cm, zon	ed feld	spars									l	
		(Albite), cut by 1cm ser	icite v	einlet a	at				-						
		60° C.A													
		-148.74m: fine grained	band at	50° C.	۸.										
		trace ep pyrite; sever	al hair	line		-									
		fractures with epidate p	arallel	foliat	on										
		507 C.A.													
		-clay specks prominent										<u> </u>		ļ	ļ
148.74	167.03	Mixed Leuio and Mesocratic G										ļ		ı	
140. /4	16/.03	mixed Leulo and mesocratic u	neiss									 			
													0.05		
		-150.14m: gtz-dol veinl	et, lcm			A84-14	51.06	51.21	0.15			0.003	0.05		
		-chlorite on walls, narr envelops, parallel folia													
		enverops, pararrer forra	tion at	JU2 C.7	`										
														j	
		-151.12m: dolqtz. vei	nlet, t	race her	natit	2									
	in center, 80% C.A.														
				· · · · · · · · · · · · · · · · · · ·											
														l	
	1				F	· 1		l	l	1	1 1	, '	<i>i</i> l		

LOCATIO	²⁶² N 981	E		D	RILI	L HOLE	LOG					HOLE	No. HA 84-6		AGE NO.
AZIM:	340°	ELEV: 226							PROPER	RTY: I	lunter	•	•		
DIP:	-65°	ELEV: 326m LENGTH: 548Ft (167cm (mete	rs)			DIP TEST									
		CORE SIZE: B O	FOOTAGE	READING	COAR	ECT FOOTA	GE READING	CORRECT	CLAIM	NO:	Hı	inter i			
STARTE): September		5.5	73 7					SECTIO	N:					
COMPLE	TEDSeptember	r 7. 1984	81.7	1				1	LOGGE	D BY:	. 41 - 42 - 4 - 7 11 94 749		T.C. Sc	ott	
		sect River Vein at depth	167.0		1			- 	DATEL	OGGED:	Sentembe	r 9 I	1984	-	
helo	w shaft	sect diver vein at nepto	107.0					1	DRILLI	NG CO: RO	ier's Di	rilling	Servic	es Inc.	
	COVERY: 98%								ASSAY	D ByGene	al Test	ing La	borator	ies	
	OTAGE		 			SAMPLE	F001	AGMeter			····	ASS	AYS		
FROM	· · · · · · · · · · · · · · · · · · ·	DESCRIPTIO	N			NO.	FROM	TO	1	T	T.	OZ/	Ag ton		
		,							-meter:			\u tor	- Vā tou		
		-152.92m: two lcm dol	antz W	alnlate			 								
		40° C.A., alteration e	nvelope	etti iets,	l	A84-15	152.88	153.22	0 34			0.002	 n_ns		
							1.72.00					0.002	9.02		
		overlaps HW Peg. inclu chl, ser, hem; 15cm FW	alterat	ion 2004			·								
· · · - · · · · · · · · · · · · · · · ·		citi, set, nem, tyem tw	dittiat	1011 20119			 								
		161 12					 								
		-161.12m: Pegmatite -	_U. /m				1	- · · · · -					· · · · · · · · · · · · · · · · · · ·		
		-163.37: epidote on h	airline	fracture											
		e 65% C.A.		racture			 								
				·· · · · · · · · · · · · · · · · · · ·											
		-163.68M: Aplite Dyke	- 24cm	COREGE			1								
· · · · · · · · · · · · · · · · · · ·		centre, banded paralle	l to wall	15. 559	C.A.										
		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			••••						I				
		-164,59m to 167.03m:	nore leur												
		foliation 65° C.A.,	nradation	.uclaliu .in ora	ins										
		fine, dark to coarse l	iaht with	deoth	11113		 						l		
							1				i				
		End of Hole				-							ll		
	<u> </u>														
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	1						1								
	_			· · · · · · · · · · · · · · · · · · ·			I				· · · · · · · · · · · · · · · · · · ·				
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LOCATION	262N_S	286								HOLE	No.	ı	PAGE NO.		
		TUE.		D	RILI	. HOLE L	OG						84-7	Ī	of 6
AZIM:		ELEV: 326m		_			-		PROPER	RTY: Hunt	er Clai	m Group)		
DIP:	340°	LENGTH: 200.6m (658ft.) me	ters			DIP TEST									
	.00.3	LENGTH: 200.6m (658ft.) me	FOOTAGE	READING	CORRI	ECT FOOTAG	READING	CORRECT	CLAIM	NO:			Hunter	1	
		er 7, 1984	76.2	88°					SECTIO						
COMPLETE	D Septembe	er 10, 1984	198.1	85.9					LOGGE	DBY: T	.C. Sco	tt			
PURPOSE	To inters	sect River Vein at depth below							DATEL	OGGED	Septemb	er 9 -	10, 198	4 .	
shaft									DRILLI	NG CO: Rog	er's Dr	Illing	Service	s Inc.	
CORE RECO	VERY:	98%							ASSAYE	D BY: Gen	eral Te	stina l	aborato	ries_	
F00	TAGE	DESCRIPTION				SAMPLE	FOOT	AGE	LENGTH			ÃSS	AYS		
FROM	TO	Descriii fion				NO.	FROM	TO	LENGTH						
0	2.0	Overburden													l
													,	ļ	<u> </u>
2.0	26.98	Melanocratic Gneiss - metavo		i 										İ	
		-dark green. 65% mafic												l	
		-felsic minerals appear	as crus	hed phe	no's										
		or augen.													
		-numerous lcm felsic st	ringers,	no 									l		ļI
		alteration envelopes													l
		-strongchloritization, e	pidote	stringe	rs										
	 									·					
		-3.96m: Felsic flood-	n pert	pegmati	tic,										
		FW 509 C.A., 1.4m													
		-6.70m: Felsic dyke-pa	rallel c	ore											···
	-														
		-10.06m foliation 40% C	Α.	·											
		10.00111 1011001011 101	.,,,												i
		-12.50m: Felsic dyke -	1.5m, T	0የ C.A.											
······································				···											
		-14.32m: Pegmatite - 0.	.Zm												
		016.15m: Pegcoarse, p	oink. la	rae bio	tite.										
		books, 20% C.A.													
		•													
		-20.73m: Felsic flood	severa	1 zones	over										
· · · · · · · · · · · · · · · · · · ·		6.0m, looks like mafic l	reccia												
		-22.86m: quartz-dolomii		·											
		trace pyrite, alteration	envelo	ре										1	
							1	ŀ		1			l	i	1

LOCATION	262N	98N		<u> </u>	RILL H	ALT I						HOLI			AGE NO.
				Ų	KILL	IULLL	Vu					HA		1	of 6
AZIM: 34	O°	ELEV: 326m LENGTH: 200.6m (658ft.)met CORE SIZE: B 0			DIB	TEST			PROPER	RTY: Hunt	er Cla	im Grou	P		
DIP: _8	6.5	LENGTH: 200.6m (658ft.)met	ers					r							
				<u> </u>	CORRECT	FOOTAGE	READING	CORRECT	CLAIM				Hunter	1	
		7, 1984	76.2	88°		<u> </u>	<u> </u>		SECTIO	N:			<u></u>		
COMPLETED): Sentemb	per 10, 1984	198.1	.85°			<u> </u>		LOGGE	DBY: 1	C. Sc	ot t			1
PURPOSE	To inters	ect River Vein at Depth below				l			DATE L	ogged: Se	ptembe	r 9-10,	1984		
		shaft							DRILLI	NG CO: Rog	er's D	rilling	Service	s Inc.	
CORE RECO	VERY:	98%									eral T	esting	Laborato	ries	
FOOT	AGE				s	AMPLE	FOOT	AGE meter	Severy		,	ASS	AYS		
FROM	TO	DESCRIPTION	1			NO.	FROM	TO			oz/	Ag OZ	1		
		with chlorite, 50 ⁵ C.A.							-mo tor (AU EOI	n Ag -t i	m		
		with thigelie, bu' L.A.		-								l			
26.97	56.39	Mesocratic Gneiss: has por	phyrytic	textur	e -							1			
		(augen?) produced by fel					- 					1			
		foliation 10% C.A.										1			
		foliation tu? L.A.											l		
		-30.63m: Peg., 0.12m 5	59 C.A.									·			
	-50.05m: reg., 0.12m 552 C.A.											 			i
		10 klm, anidata or ha	-29.41m: epidote or hairline fractures									 			i
		-29.41⊪: epidote or na e 85% C.A.	il illie i	Iacture	3										
		6 07% C.W.													
		-42.60m: feldspars str	etched t	o augen	 -										
		weak layering, foliation										 			t ———
		-43.58m: quartz-dolomi	to voint	A. with								 			
		· · · · · · · · · · · · · · · · · · ·													
		chlorite and trace pyri	te, 80%.	C.A								 			
		-51.35m: Alteration Zon	20-			A91. 1	51.45 5	1 66	.21		0.014	0.10			
		sur rounds 10 cm peg. of	ne - Juc	m		A04-1	51.45 P	1.00	.21		0.014	10.10			
		filled shear zone, pyri	tic 759	CA								}			ll
		111100 Shedi Zone, pyri	, 13									 	ļ		
		ra 12-, f-11-11- 150	<u> </u>									 	ļ		}
		-52.12m: foliation 15?	L.A.												
57.39	59.28	Felsic Dyke - finegralned w	ith biot	ite fle	cks							ļ	[
		(5%), 5° C.A.									ļ				
											<u></u>				
									·						
					_				**						
j	ł				- 1	1	j	. 1				1	i	!	1

LOCATION.	262N 98N				bu I	10151							E No.	1	PAGE NO.			
			DRILL HOLE LOG									HA	HA 84-7		age 3 of			
AZIM. 341	09	ELEV: 326m			D.15				PROPER	RTY:	Hur	iter_Cla	im Group	J				
	6.5	LENGTH: 200.6m(658ft.)me	DIP TEST							<u> </u>								
	FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM							IM NO: Hunter										
STARTED	76.2	88			 		SECTIO											
COMPLETED	198.1						LOGGE			T.C. Sc								
COMPLETED: September 10, 1984 PURPOSE: To intersect River Vein at Depth below			<u>haft</u>				<u> </u>			OGGED:	Septe	ember 9-	10, 1984	1				
										DRILLING CO Roger's Drilling Services Inc.								
CORE RECOVERY: 98%			<u> </u>	ASSAYED BY: General								Testing Laboratories						
FOOTAGE DESCRIPTION			N			SAMPLE	FOOTAGE		LENGTH			AS	ASSAYS					
FROM	TO)	,			NO.	FROM	TO						<u> </u>				
		i												<u> </u>				
59.28	81.38	Leucocratic Greiss - medium	grained	1, 40%	mafic													
		(biotite), foliation @	459 C A											1	<u> </u>			
		(0.001.07), 101.001.0																
		-62,18m to 73.76m : Fe	Isic Flo	ood.														
		several 1 to 2m bands 15	5-25% C.	Α.											I			
													l	l	1			
		-78.94m; quartz stringe	er with	trace														
		pyrite and hematite, no			ation													
81.38	150.87	Mesocratic Gneiss - 65% bio	otite															
		chloritized, generaly f	ine to n	aedium a	rained:													
		felsic grains elongate	to 0.60	:m.							•							
		-86.26m: foliation at !	402 C A															
		-100.58m: Felsic Dyke -	- 2m, HM	1 359 C.	Α.													
		across foliation; cut by	v savera	1 1 mm														
		dolomite stringers 0459				lone	1					1						
		imposed on dyke - strong																
		-103.02m to 106.68m; fl	lesic ar	ains														
		produce strong porphyrit								f 1								
							T						1					
							1											
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			*															
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		[1					

LOCATIO	Z0ZN_3	18N	-	D	RILLI	IOLE LO	DG					HOLE	No. HA 84-		AGE NO.	
AZIM:	26.00		_			-		PROPER	RTY:	н	unter C	nter Claim Group				
DIP:	-340 -86 5	LENGTH: 200 6m(658ft)mete	rs			TEST										
	= 00+ 3	ELEV 326m LENGTH: 200_6m(658ft_)mete CORE SIZE: B, Q	FOOTAGE	READING	CORRECT	CLAIM	NO:	Hu	1							
STARTED		-2-1084	76.2 88° SECTION:													
COMPLET	EO S	7, 1984	_198_1_	_85°					LOGGED BY T.C. Scott							
PURPOSE	To inte	rsect River Vein at depth below							DATE LOGGED: September 9-10, 1984							
shaft									DRILLING CORogers' Drilling Services Inc.							
CORE RECOVERY: 98%				<u> </u>	<u> </u>	<u> </u>	<u> </u>		ASSAY	O BY: Gen	eral Te	sting L	aborato	ries		
FOOTAGE DESCRIPTIO)N			SAMPLE	FOOTAGE		LENGTH	ŀ		ASS	ASSAYS			
FROM	то					NO.	FROM	TO								
		-120,40m: foliation 20%	C.A.											!		
													 			
		-121.6m to 126.0m: Leuc	ocratic	Gneiss									[
		359 C.A.										 -				
		-137.77m: Fault zone -	10cm ga	uge												
		@357 C.A., contains crus	hed peg	matite					· · · · · · · · · · · · · · · · · · ·				·			
		-139.60m to 148.74m: sl	ightly	darker												
		with distinct 'porphyrit	ic' tex	ture												
		produced by lcm felsic c 30% C.A.	rains,	foliatio	2n				:							
150.87	177.55	Mesocratic Gnelss - slightly	darker	than a	nove											
170.07	1,7,.35								-					ll	·	
		fine grained (lmm) bands alt porphyritic bands, gradation	ernat in	g with n	nore											
		porphyritic bands, gradation	dI.				 	 								
		151 67 dal!-	1-1-0	3												
		-151.67m: qtz-dol. yein qypsum, 4cm chlser. al			nne											
		no pyrite	teration	CIVET	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
																
		-151.91a: 1 mm gypsum 4	0۶ <u>C.A.</u>													
	_	-156.60m: Felsic flood		₹ C.A.	_						·					
	J	24 cm wide; foliation 3	U. C.A.													
					_											
	-				_					*** ***						

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LOCATION:	262N S	98N			D							HOLE	No.	P	AGE NO.			
			DRILL HOLE LOG									HA 84-7			of 6			
AZIM: 34	۵°	ELEV: 326m			Din	TCCT		PROPE	PERTY: Hunter Claim Group									
DIP: -8	6.5	LENGTH: 200.6m(658ft)mete																
CORE SIZE: B Q STARTED: September 7, 1984				FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM NO: Hunter 1														
COMPLETED			76.2 _198.1	 		ļ	ļ		SECTION:									
September IU. 1984				.85^					LOGGED BY: T.C. Scott									
PURPOSE: To intersect River Vein at depth below				DATE LOGGED: September 9-10, 1984														
CORE RECOVERY: Shaft'				 					DRILLING CO: Roger's Drilling Services Inc.									
FOOTAGE			L	L	SAMPLE FOOTAGEmeter SENGTH							ASSAYS						
FROM TO DESCRIPTIO			ON			NO.	FROM						Oz (orl					
		3							meters	 	Au - Eor	Ag CO						
177.55	184.10	Leucocratic Gneiss - 40% ma	afic							l			 		, ,			
		-gradational boundary w		e and	·													
		below							-									
		stretched felsic 'augen	40% C.	Α.														
		-contains a few fine gra	ained 'c	lasts'	of melan	ocratic												
		hneiss																
184.10	200.5 9	Metanocratic Gnetss - equig		/1== \-														
	200.55									ļ	ļ							
		occasional coarser mesod	cratic b	and and			····		<u> </u>	ļ								
		- felsic flood.									.							
		-129.58 to 190.5m: epic	lata In	h-1-11-	. 6									·				
		85° /C.A.	Jote III	1101111111	e Hactu	163 80					 							
				······································	i													
		-196.6m: qtz-epidote si	ringer,	no alte	eration													
		15% C.A., 2mm, followed	by seve	ral at	15°													
		to 85% C.A.																
		-199.03m - three 3cm qua	rtz			A84-18	199.03	199.31	28		0.011	0.10						
		dolomite veins surrounde	d by bla	eached,	_													
		shlser. alteration env																
		trace pyrite, and coarse	magnet	ite, 30c	:m,													
		30° and 60° C.A.					-]			
															}			
								l										
								}-			-	W						
											·							

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AZIM: 340° ELEV: 326m DIP: -86.5 LENGTH200.6m(658ft)meters CORE SIZE: B Q FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM NO: Hunter I STARTED: September 7, 1984 76.2 88° SECTION: COMPLETED: September 10, 1984 198.1 85° CORRECT FOOTAGE READING CORRECT FOOTAGE READING CORRECT CLAIM NO: Hunter I SECTION: LOGGED BY: T.C. SCOTT DATE LOGGED: September 9-10, 1984 198.1 85° CORRECT FOOTAGE READING CORRECT FOOTAGE READING CORRECT FOOTAGE POOTAGE POOTAGE SEPTEMBER 9-10, 198.1 85° CORRECT FOOTAGE POOTAGE 84 nc.			
DIP : _86_5	84 nc.		
STARTED: September 7, 1984 COMPLETED: September 10, 1984 PURPOSE: To intersect River Vein at depth below shaft CORE RECOVERY: 98% FOOTAGE DESCRIPTION SAMPLE SECTION: LOGGED BY: T.C. Scott DATE LOGGED: September 9-10, 1984 DESCRIPTION SAMPLE FOOTAGE SAMPLE FOOTAGE DESCRIPTION SAMPLE FOOTAGE ASSAYS FOOTAGE ASSAYS	84 nc.		
STARTED: September 7, 1984 COMPLETED: September 10, 1984 PURPOSE: To intersect River Vein at depth below shaft CORE RECOVERY: 98% FOOTAGE DESCRIPTION SAMPLE SECTION: LOGGED BY: T.C. Scott DATE LOGGED: September 9-10, 1984 DESCRIPTION SAMPLE FOOTAGE SAMPLE FOOTAGE DESCRIPTION SAMPLE FOOTAGE ASSAYS FOOTAGE ASSAYS	84 nc.		
COMPLETED: September 10, 1984 PURPOSE: To intersect River Vein at depth below shaft CORE RECOVERY: 98% FOOTAGE DESCRIPTION SAMPLE FOOTAGE DESCRIPTION LOGGED BY: T.C. Scott DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED BY: T.C. Scott DATE LOGGED BY: T.C. Scott DATE LOGGED BY: T.C. Scott DATE LOGGED: September 9-10, 19 DATE LOGGED BY: T.C. Scott DATE LOGGED BY: T.C. Scott DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DATE LOGGED: September 9-10, 19 DAT	84 nc.		
PURPOSE: To intersect River Vein at depth below shaft CORE RECOVERY: 98% FOOTAGE DESCRIPTION SAMPLE FOOTAGE DATE LOGGED: September 9-10, 19 ORILLING CO: Roger's Drilling Services, ASSAYED BY General Testing Laboratories ASSAYS ASSAYED BY General Testing Laboratories FROM TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERVE TO SERV	84 nc.		
Shaft CORE RECOVERY: 98% FOOTAGE FOOTAGE DESCRIPTION SAMPLE FOOTAGE RECOVERY: SAMPLE FOOTAGE RECOVERY: STATE ASSAYS SAMPLE FOOTAGE RECETS RECOVERY: STATE ASSAYS FOOTAGE RECOVERY: STATE ASSAYS FOOTAGE RECOVERY: STATE ASSAYS	nc.		
FOOTAGE FOOTAGE DESCRIPTION DESCRIPTION SAMPLE FOOTAGE TENGTH ASSAYS FOOTAGE TENGTH ASSAYS			
FOOTAGE SAMPLE FOOTAGE MET CENGTH ASSAYS			
FROM TO DESCRIPTION NO. FROM TO LENGTH			
7 No. 7 Nom 10 meters	 		
-198.76m: gtzdol. stringer, chlorite			
+pyrite, narrow alteration envelope			
	 		
-199.95m: foliation 50% D.A.	†		
-buff clay specks throughout drill hole	 		
200.6 End of Hole.	1		
200.6 End of Hole.			
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Appendix D

CERTIFICATE OF QUALIFICATION

- 1, T. Cameron Scott, of 2505 West 1st Avenue in the City of Vancouver, Province of British Columbia, DO HEREBY CERTIFY THAT:
- 1. I am a self-employed Consulting Geologist with offices in my residence at 2505 West 1st Avenue, Vancouver, B.C., V6K 1G8.
- 2. I am a graduate of the University of British Columbia where I did obtain my Bachelor of Science degree in Geology.
- 3. I am a fellow of the Geological Association of Canada
- 4. My primary employment since 1963 has been in the field of mineral exploration, mainly as a Field and Project Geologist.
- 5. My experience has covered a wide range of geological environments and has allowed considerable familiarization with geophysical, geochemical and techniques.
- 6. This report is based on data supplied by Arnhem Resources Inc. and on data generated by work supervised and done by me on the Hunter Property from July 1 to September 28, 1984.
- 7. I have no interest in the Hunter Property or in the securities of Arnhem Resources Inc., or Du-Well Resources Ltd., nor do I expect to receive any.

Dated at Vancouver, British Columbia this 30th day of November 1984.

T. Cameron Scott, B.Sc., F.G.A.C. Consulting Geologist

RELEASE

I, T. Cameron Scott, consent to the use by Arnhem Resources Inc. or Du-Well Resources Ltd. of this report in a Prospectus or Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers for British Columbia.

Dated at Vancouver, British Columbia this 30 th day of November, 1984.

T. Cameron Scott, B.Sc., F.G.A.C.

Consulting Geologist

