

86-871-15621  
DEC 15 1986  
VANCOUVER

EXPLORATION  
NTS: 104B/11

COMINCO LTD.

WESTERN CANADA  
15 December 1986

ASSESSMENT REPORT

ON THE

SNIP 1,2,3,4,5 AND JIM 1,2 MINERAL CLAIMS

LIARD MINING DIVISION

LATITUDE 56°41'N; LONGITUDE: 131°05'W

CLAIM OWNER AND OPERATOR: COMINCO LTD.

PERIOD OF WORK

JULY 7 TO SEPTEMBER 14, 1986

DECEMBER 1986

R.F.NICHOLS

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,621**

**FILMED**

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DRILL LOGS S-86-1 to S-86-12 Inclusive

EXPLORATION  
NTS: 104B/11

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15 December 1986

ASSESSMENT REPORT

SNIP 1,2,3,4,5 AND JIM 1,2 MINERAL CLAIMS

INTRODUCTION

The Snip 1,2,3,4,5 and Jim 1,2 mineral claims are located 110 km NW of Stewart, B.C. (Fig. 1,2). Geographic coordinates are 56°41'N latitude and 131°05'W longitude, within map NTS 104B/11 (see Fig.1).

ACCESS

Access to the claims is by helicopter from Stewart or Dease lake. Fixed wing air service from Terrace is able to land on gravel strips located at Snippaker Creek, 22 km SE of the claims, and on Johnny Mtn. flats 5.0 km to the south.

TOPOGRAPHY

The claims cover the transition from the Iskut River Valley floor to the cirque on Johnny Mountain. Topography is generally steep except in valley bottoms which are covered with either muskeg or gravel outwash. The area supports typical coastal rainforest vegetation of cedar, spruce and fir with abundant slide alder and devils club on steeper slopes.

HISTORY

The Snip 1-5 claims were staked in 1980, and 1983 to cover ground favourable for gold mineralization. The Jim 1-2 claims were staked in 1986 (see Fig. 2). A soil geochemical and trenching program was carried out in 1982 on and adjacent to gold showings located near the top of the ridge on Snip 1.

SUMMARY OF WORK DONE

BQ drilling totalled 1494.2 m in 12 holes during 1986. The drill holes were all located within the SNIP 1 claim. Drilling took place between July 7 and September 14, 1986 (see Fig.3).

*Analysis and assays were done in the Cominco laboratory.*

2.

## GEOLOGY

The claims are underlain by Mesozoic arenaceous and tuffaceous units that are cut by a large dyke-like orthoclase porphyry. Alteration consisting of bleaching, potassic alteration (K-spar, sericite) and silicification is extensively developed adjacent to the porphyry. High grade gold mineralization occurs within steeply dipping quartz (carbonate) pyrite, shear-vein systems that cut the altered arkoses and lithic wackes.

## PURPOSE OF THE DRILLING PROGRAM

1. To test the strike and downdip continuity of high grade gold structures exposed by 1982 trenching.
2. To test for similar sub-parallel structures indicated by soil and rock geochemical results from 1982.

## INTERPRETATION OF 1986 DRILL RESULTS

Diamond drilling located 3 narrow, sub-parallel gold bearing structures trending 110-120°/65-75° SW and 1 gold bearing structure trending 020°/50°W. The most significant intersections from the various interpreted zones are summarized as follows:

### TARA ZONE

<u>Hole #</u>	<u>Intersection</u>	<u>Length</u>	<u>Grade Au g/t</u>
S-86-1	78.7- 78.9	0.2 m	91.20
S-86-8	51.6- 53.6	2.0 m	25.82
S-86-9A	117.6-119.8	2.2 m	28.87

### TWIN ZONE

S-86-1	43.0- 46.3	3.3 m	12.77
S-86-8	5.2- 8.0	2.8 m	36.36
	13.1- 15.6	2.5 m	31.40
S-86-9A	93.6- 94.6	1.0 m	2.91
S-86-10	132.0-133.5	1.5 m	10.28
	136.5-138.5	2.0 m	3.70

3.

ROPE ZONE

<u>Hole #</u>	<u>Intersection</u>	<u>Length</u>	<u>Grade Au g/t</u>
S-86-9	43.3- 46.2	2.9 m	9.29
S-86-9A	46.0- 47.0	1.0 m	25.95
	51.0- 52.9	1.9 m	5.73

LAMP ZONE

S-86-3	31.4- 35.4	4.0 m	15.01
	45.3- 47.8	2.5 m	8.85
	55.4- 68.9	13.5 m	15.43
S-86-7	18.5- 20.5	2.0 m	14.37
	28.7- 38.3	9.6 m	10.60
S-86-12	77.5- 81.0	3.5 m	91.98
	92.5- 94.5	2.0 m	3.67

CONCLUSIONS AND RECOMMENDATIONS

Four gold bearing structures have been located and tested to date. All are open along strike and down dip, and will require additional drilling to define their overall potential.

Report by: Don F. Nichols  
R.F. NICHOLS,  
Project Geologist.

Approved for  
Release by: W. J. Wolfe  
W.J. WOLFE,  
Manager, Exploration-  
Western Canada.

RFN/pm  
Distribution:  
Mining Recorder

APPENDIX 1

STATEMENT OF EXPENDITURE

Salaries: R.F.Nichols	90 days @ \$250/day	
A.P.Roberts	60 days @ \$190/day	\$ 39,600
A.L.MacGregor	30 days @ \$190/day	
Assay Costs: 950 geochemical Au,Ag,Cu @ \$12		13,400
250 fire assay Au @ \$8		
Diamond Drilling 1494.2 m @ \$81.05/m		121,100
Transportation: fixed wing - mob/demob-service flights		
including sample freight		22,500
helicopter - mob/demob,drill moves		
32 hours @ \$550/hr.		17,600
Camp Costs - supplies, food		38,000
Access - drill site preparation		10,500
		<hr/>
		\$262,700

APPENDIX 2

STATEMENT OF QUALIFICATIONS

I, RONALD F. NICHOLS, of the District of North Vancouver, in the Province of British Columbia, hereby certify:

1. THAT I am a Geologist employed by Cominco Ltd. with a business address at 700-409 Granville Street, Vancouver, British Columbia.
2. THAT I graduated with a B.Sc. in Geology from the University of British Columbia in 1967.
3. THAT I have practiced my profession continuously since 1967 with Cominco Ltd.
4. THAT I have been a member in good standing of the Association of Professional Engineers of the Province of British Columbia from 1975 to the present.

  
\_\_\_\_\_  
R.F. NICHOLS  
Project Geologist.

APPENDIX C


IN THE MATTER OF THE B.C. MINERAL ACT  
AND THE MATTER OF A DIAMOND DRILL PROGRAM  
CARRIED OUT ON THE SNIP 1,2,3,4,5 AND JIM 1,2 CLAIMS  
AND LOCATED 110 KM NW OF STEWART, B.C.  
IN THE LIARD MINING DIVISION OF THE  
PROVINCE OF BRITISH COLUMBIA

N.T.S. 104B/11

A F F I D A V I T

I. RON F. NICHOLS, of the District of North Vancouver, in the Province of British Columbia, make oath and say:

1. THAT I am employed as a Geologist by Cominco Ltd. and, as such have a personal knowledge of the facts to which I hereinafter depose;
2. THAT annexed hereto is a true copy of expenditures incurred on diamond drill program on the SNIP and JIM claims;
3. THAT the said expenditures were incurred between July 7 and September 14, 1986, for the purpose of mineral exploration of the above noted claims.

  
\_\_\_\_\_  
R. F. NICHOLS  
Project Geologist,  
Exploration-  
Western Canada.



Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-1
Commenced	July 11, 1986	Location		Tests at	Hor. Comp. 70.5 m
Completed	July 13, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 70.5 m
Co-ordinates	11, 436.39 N;	8,741.44 E		True Brg.	030°
Objective				% Recov.	96%
					Date July 11-13, 1986

Claim	SNIP 1
T Brg.	030°
Collar Dip	-45°
Elev.	691.7 m
Length	99.7 m
Hole No.	S-86-1
Sheet	1

From	Metres To	Description	Sample No.	Length	Analysis		
					Au	Ag	Cu
0	1.5	Casing - overburden					
1.5	2.3	FELSITE DYKE					
		Light grey-green unit - aphanitic, very hard siliceous, tiny >1 mm feldspar phenos - 5-10%.	25001	0.8 m	<10	<.4	16
2.3	3.6	INTERBEDDED ARKOSE/SILTSTONE					
		Medium to dark grey-green - sericitic/chloritic arkose and light grey-tan siltstone color/grain size banding @ 10° + to c/a. Small scale displacements (cm +) common. 0.1 to 2 mm wide calcite filled fractures common throughout - dominant attitude @ 45° to c/a, some @ 60° to c/a the calcite veinlets are often broken, continuous only for cm or so. A well developed hairline (0.1 mm +) chloritic pyrite) stockwork appears in most cases to cut/disrupt the calcite veinlets. The chloritic stockwork has fractured the rocks on a mm-cm size scale.	25002	1.3	<10	<.4	37
		A few thin low angle (0-10°) to c/a oxidized fractures and a few high angle (70-80°) slickensided, chloritic fractures are also present.					
3.6	5.3	ALTERED/SILICIFIED ZONE					
		Mostly crystalline quartz-feldspar now scattered mica: red brown biotite/chlorite interstitial to quartz-felds. Although the unit has an "intrusive-like" appearance now - it was most likely an arkose/wacke. Calcite filled stringers @ 45° to c/a not as abundant as above; hairline chlorite (pyrite) stockwork similar to above	25003	1.7 m	28	<.4	46

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S86-1	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at							S-86-1	2
Completed		Core Size	Corr. Dip								
Co-ordinates			True Brg.								
Objective			% Recov.								
Footage From To	Description	Sample No.	Length	Analysis			Au g/t				
	(2.3-3.6) pyrite more abundant now- mostly along the chloritic fractures.										
5.3 - 22.5	ARKOSE/SILTSTONE										
	Same as 2.3 to 3.6 m.		5.3 - 6.8	25004	1.5	<10	.7	48			
	Calcite veinlets variable 1 to 2/cm, broken with some segments to few cm long.		6.8 - 8.3	25005	1.5	<10	<.4	56			
	Hairline chloritic stockwork, more erratic, overall more weakly developed than above.		8.3 - 9.8	25006	1.5	<10	.4	65			
	10.4 - 11.0 broken section low angle (10-20° to c/a) oxidized fractures;		9.8 -11.3	25007	1.5	<10	.4	119			
	11.3 - 13.1 strong silicified/altered zone, erratic, interfingered with the arkose, contacts indistinct, except for lower contact @50° to c/a pyrite now abundant as disseminations 5-10%.		11.3 - 13.1	25008	1.8	44	.8	233			
	14.5 5-10 cm milky white quartz/chlorite vein upper contact = slickensided fracture @ 70° to c/a lower contact @ 50° to c/a. Few % pyrite, traces chalcopyrite. Chlorite occurs as narrow wisps in the quartz, and as a 5 cm wide massive chlorite border below the quartz.		13.1 - 14.6	25009	1.5	46	.4	110			
	from 14.6 bedding now 15-20° to c/a = attitudes from mm-cm scale		14.6 - 16.1	25010	1.5	68	<.4	102			
	siltstone bands.		16.1 - 17.6	25011	1.5	720	1.4	186	0.93		

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property SNIP District Hole No. S86-1

Commenced Location Tests at Hor. Comp.

Completed Core Size Corr. Dip Vert. Comp.

Co-ordinates True Brg. Logged by

Objective % Recov. Date

Footage From To	Description	Sample No.	Length	Analysis			Claim	T Brg.	Collar Dip	Elev.	Length	Hplg No. S-86-1	Sheet 3
				Au	Ag	Cu							
	20.1-22.6 broken, oxidized zone fractures @ 0-10 <sup>0</sup> , some gouge developed on shears @ 30 <sup>0</sup> to c/a.	25012	1.5	58	<.4	79							
		25013	1.5	40	.7	92							
	ie 21.6 1 cm gouge	25014	1.9	160	<.4	87							
	22.5 4-6 cm gouge												
22.5 - 28.0	<u>MIXED SECTION: ARKOSE-SILTSTONE/ALTERED-SILICIFIED</u> Similar to 11.3 to 13.1	25015	1.5	20	.4	26							
	Upper part weakly oxidized, also few oxidized fractures @ 45 <sup>0</sup> to c/a	25016	1.5	402	<.4	42							
	26.4 - 26.7 limonitic shear @ 45-70 <sup>0</sup> limonite extends for few cm into the wall rock. 2-3 cm of gouge also present.	25017	1.5	410	.9	109							
	27.0 - 27.1 sugary quartz (calcite) vein with dark green chlorite wisps - vein @ 80 <sup>0</sup> to c/a. pyrite 1-3%.	25018	1.0	114	1.3	124							
	27.9 limonitic shear with 2 cm of gouge @ 45-60 <sup>0</sup> to c/a.												
28.0 - 33.5	<u>ARKOSE</u> Dark grey-green medium grained unit - section in very chloritic/red brown biotite rich. Could be close to greywacke if all mafics are primary-most distinctive feature is numerous 0.3 to 2 cm quartz-calcites veinlets which are very regular 1/5 cm (locally 1/1-2 cm) with sharp contacts @ 70 <sup>0</sup> to c/a.	25019	1.5	182	1.8	218							
		25020	1.5	24	.6	102							
		25021	1.5	94	1.3	218							

Scale

Colour Plot  
& Dips

# Drill Hole Record



Property	SNIP	District	Hole No.	S86-
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
					S-86-1	4

Footage From To	Description	Sample No.	Length	Analysis			
				Au	Ag	Cu	g/t Au
	Occasional massive chlorite patch few mm to cm wide within or along quartz vein border. Veinlets are mostly barren except for few blebs pyrite, chalcopyrite, and grey metallic sectile mineral-chalcocite? such as 31.5 - pyrite as grains/cubes 0.1 to 1 mm abundant in arkose between veins. Range 1-10% average 5%+.						
	32.6 - 33.5 - chalcopyrite common now.	25022	1.0	232	3.1	887	
33.5 - 58.7	ARKOSE						
	Similar to parts of 5.3 to 22.5/ 2.3 to 3.6 appears finer grained, slightly lighter (less chlorite-biotite?).	25023	1.5	340	.7	142	
	Calcite veinlets at 70° to c/a and hairline chlorite (pyrite) stockwork as above. Pyrite content variable mostly with chlorite 1-3% but also a few mm+ low angle (10-30°) pyritic stringers.	25024	1.5	180	.6	100	
	36.3 - 37.5 as above 28.0 -33.5	25025	1.0	34	<.4	47	
	36.3 - 37.5 as above 28.0 -33.5	25026	1.5	154	1.0	181	
	40.5 bedding attitude of 10° to c/a from dark grey coarse grained arkose, and lighter grey fine grained siltstone.						
	41.7 - 48.1 sheared, mineralized section with:	25027	1.5	72	.8	181	
	41.7-42.2 chlorite-pyrite abundant in arkose	25028	1.0	124	1.0	200	
	42.2-42.5 quartz-calcite vein with wispy chlorite blebs pyrite, chalcopyrite - some shearing gouge all @ 45-60° to c/a.	25029	1.0	700	5.9	991	0.72

3.6 - 5.3 ALTERED/SILICIFIED zone  
 Mostly crystalline quartz-feldspar now silicified  
 interstitial to quartz-felds. Although the unit has an  
 now - it was most likely an arkose/wacke. Calcite stringers @ 45° to c/a  
 not as abundant as above; hairline chlorite (pyrite) stockwork similar to above

Scale  
 Colour Plot  
 & Dips

### Drill Hole Record



Property	SNIP	District	Hole No.	S86-1
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis			
					Au	Ag	Cu	g/t
	43.0-43.3	50% recovery some gouge - quartz - calcite - chlorite vein as above, last 10 cm massive pyrite.	25030	0.3	13200	25.2	1910	16.22
	43.3 - 45.1	dense, massive dark green (chloritic) unit pyrite - arsenopyrite locally intermixed as disseminations in narrow zones? overall 2% pyr-asp.	25031	1.8	644	6.5	469	0.69
	43.6	2 cm gouge @ 70° to c/a.						
	45.1 - 46.3	50% recovery limonitic gouge, lower half much more pyritic-near massive poor attitudes appear to be 60-70° to c/a.	25032	0.6	880	11.6	1410	1.17
			25033	0.6	39000	60.0	1750	50.50
	46.5	0.5 cm pyrite/grey metallic band (chalcocite?) @ 60° to c/a.						
	46.3-48.1	finely dissemination pyrite more abundant 3-5% includes:						
	46.5	0.5 cm pyrite/grey metallic (chalcocite) band @ 60° to c/a.	25034	1.5	116	1.3	187	
	48.1	2 cm massive pyrite band @ 70° to c/a.	25035	0.5	548	2.0	625	0.48
			25036	0.5	160	.6	289	

Sheet  
 5  
 Hole No. S86-1

3.6 - 5.3 ALTERED/SILICIFIED ZONE  
 Mostly crystalline quartz-feldspar now scattered  
 interstitial to quartz-felds. Although the unit has an "intrusive"  
 now - it was most likely an arkose/wacke. Calcite lined stringers @ 45° to c/a  
 not as abundant as above; hairline chlorite (pyrite) stockwork similar to above

Scale  
 Colour Plot  
 & Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S86-1													
Commenced		Location	Tests at		Hor. Comp.												
Completed		Core Size	Corr. Dip		Vert. Comp.												
Co-ordinates			True Brg.		Logged by												
Objective			% Recov.		Date												
Footage	Description																
From To																	
58.7 - 62.2	FELSITE DYKE																
	Pale green (grey) aphanitic - siliceous unit - very few feldspar phenocrysts or quartz eyes?? numerous clear glassy quartz stringers 1 to 5 mm with dominant attitude at 60-80° to c/a. Tiny disseminated pyrite 1-2% throughout, also occasional mm or less pyritic stringer.																
	Upper contact shear @ 60° to c/a.																
62.2 - 99.7	ARKOSE/SILTSTONE																
	Variable from massive medium to coarse grained dark grey arkose to fine grained lighter grey brown siltstone attitudes @ 10-20° to c/a. Calcite veinlets few mm x cm long with up to 20% quartz mostly @ 45° to c/a. Hairline chloritic (pyrite) stockwork weakly developed throughout.																
	62.2 - 89.0 fine to medium grained arkose and finer grained siltstone predominate.																
	89.0 - 99.7 dominantly coarse grained arkose/wacke? now.																
	78.9 2 - 15 cm quartz-calcite-chlorite veins																
	81.9 @ 60° to c/a blebs of pyrite upper vein also has blebs chalcopyrite and red-brown sphalerite.																
99.7	END OF HOLE																

Sheet  
 6  
 Hole No.  
 S-86-1

(70-80°) strike  
 3.6 - 5.3 ALTERED/SILICIFIED ZONE  
 Mostly crystalline quartz-feldspar now scattered r : red brown  
 interstitial to quartz-felds. Although the unit has an "intrusive-like" appearance  
 now - it was most likely an arkose/wacke. Calcite filled stringers @ 45° to c/a  
 not as abundant as above; hairline chlorite (pyrite) stockwork similar to above

Scale

Colour Plot  
& Dip

### Drill Hole Record



Property	SNIP	District	Hole No.	S86-1
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis				Collar Dip	Elev.	Length	Hole No. S-86-1
					Au	Ag	Cu	g/t				
			78.9-80.4	2505Z	1.3	402	< .4	19				
			80.4-81.7	25058	1.3	<10	< .4	16				
			81.7-81.9	25059	0.2	160	.7	110				
			81.9-83.4	25060	1.5	<10	< .4	53				
			83.4-84.9	25061	1.5	20	5.1	71				
			84.9-86.4	25062	1.5	22	.7	87				
			86.4-87.9	25063	1.5	<10	< .4	81				
			87.9-89.4	25064	1.5	52	.5	128				
			89.4-90.9	25065	1.5	242	2.0	382				
			90.9-92.4	25066	1.5	280	1.0	141				
			92.4-93.9	25067	1.5	48	1.0	211				
			93.9-95.4	25068	1.5	<10	< .4	79				
			95.4-96.9	25069	1.5	<10	< .4	31				
			96.9-98.4	25070	1.5	24	< .4	71				
			98.4-99.7	25071	1.3	56	< .4	126				

Sheet  
7

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-2
Commenced	July 13, 1986	Location		Tests at	Hor. Comp. 79.3 m
Completed	July 15, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 79.3 m
Co-ordinates	11,309.63 N;	8,715.24 E		True Brg.	030°
Objective				% Recov.	97%
					Date July 13-16, 1986

Footage From	metres To	Description	Sample No.	Length	Analysis			Au g/t	Claim SNIP 1	T Brg. 030°	Collar Dip -45°	Elev. 733.2 m	Length 112.2 m	Hole No.	Sheet
					Au	Ag	Cu								
0	2.1	OVERBURDEN -Casing													
2.1	11.6	HIGHLY ALTERED - SILICIFIED SECTION													
		Medium to light grey fine to coarse grained silicified and recrystallized(?)	2.1 - 2.4	25072	0.3	<10	<.4	80							
		arkose/siltstone, irregular tan to salmon pink bands erratic throughout	2.4 - 3.6	25073	1.4	<10	<.4	63							
		usually a low angles to c/a - most likely due to k-spar alteration although	3.6 - 5.1	25074	1.5	<10	<.4	78							
		ankeritic content also possible. Pyrite widespread and abundant as dissemina-	5.1 - 6.6	25075	1.5	100	.9	189							
		tions and blebs, cm wide pyrite bands @ 0-30° to c/a also common. Average 5%	6.6 - 7.1	25076	0.5	196	1.0	301							
		locally to 10%+ over cm-dm wide zones such as:	7.1 - 8.8	25077	1.7	114	1.2	143							
		5.2 - 6.4	8.8 - 10.3	25078	1.5	114	.9	208							
		7.0 - 7.3													
		8.8 - 9.1 includes 2 cm wide													
		pyrite bands													
11.6	16.8	ARKOSE													
		Coarse grained to breccia sized fragments (1-5 mm) are subrounded to angular,	10.3 - 11.8	25079	1.5	98	.7	161							
		and consist of feldspar, felsite, pink aphanitic fragments with biotite/	11.8 - 13.3	25080	1.5	86	<.4	134							
		chlorite interstitial to tightly packed fragments unit somewhat annealed - can													
		be difficult to distinguish between clastic/intrusive classification,													
		quartz-calcite stringers 1 mm to 1 cm wide common @ 45-50° average 1/5 to 10 cm.													
		Disseminated pyrite weak throughout overall 1% only occasional mm scale pyritic													
		stringer @ low c/a.	13.3 - 14.8	25081	1.5	<10	<.4	47							
		13.8 15 cm wide alteration - silicified zone	14.8 - 16.3	25082	1.5	<10	<.4	50							



Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-2		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis			Au					
				Au	Ag	Cu	g/t					
16.8 - 48.0	<u>VARIABLE HIGHLY ALTERED - SILICIFIED ZONES/ARKOSIC SECTIONS</u>											
	Medium to coarse grained arkose with irregular weak to strongly silicified and recrystallized(?) zones as noted below:											
	16.8-18.3 highly silicified zone, several quartz-calcite-chlorite-pyrite bands include widths of 2 cm, 4 cm and 10 cm all @ 20-30° to	16.3 - 17.8	25083	1.5	66	<.4	31					
	c/a. Pyrite-chlorite often as envelopes adjacent to the veins.	17.8 - 19.3	25084	1.5	194	<.4	83					
	17.8-22.6 silicified zones weakly developed over cm-dm widths in coarse grained arkose - pyrite as heavy disseminations locally.	19.3 - 20.8	25085	1.5	860	<.4	124	0.93				
	22.6-24.6 highly silicified section abundant disseminated pyrite 5-10% and chlorite also few thin pyrite (chlorite) stringers.	20.8 - 22.6	25086	1.5	72	<.4	121					
	24.6-30.1 weakly altered medium grained arkose.	22.6 - 24.6	25087	2.0	380	.4	208					
	25.9 3 cm near massive pyrite band @ 30° to c/a.	24.6 - 26.1	25088	1.5	312	1.0	353					
	29.1-30.1 - upper part heavily disseminated pyrite(5%) - chlorite in	26.1 - 27.6	25089	1.5	200	<.4	157					
	2-3 cm wide bands @ 45° to c/a lower half mostly milky	27.6 - 29.1	25090	1.5	52	<.4	121					
	white quartz vein with patches pyrite and chlorite pyrite	29.1 - 30.1	25091	1.0	760	.8	237	2.66				
	Overall 2%.											
	30.1-32.3 fine grained arkose with tan siltstone bands @ 10-20° to c/a.	30.1 - 31.6	25092	1.5	520	1.5	338	1.82				
	32.3-34.6 weak to locally strongly silicified yellow brown zones possibly	31.6 - 33.1	25093	1.5	576	.9	187	0.43				
	ankeritic (to limonite?) disseminated pyrite throughout -	33.1 - 34.6	25094	1.5	704	<.4	176	0.48				
	locally very heavy.											
	34.6-36.1 mostly fine grained arkose/siltstone few narrow silicified-pyritic zones.	34.6 - 36.1	25095	1.5	72	<.4	144					

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-2		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								3
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis				Au				
				Au	Ag	Cu	g/t					
36.1-37.5	strong silicified/altered zone disseminated pyrite - locally very heavy (5 cm widths)	25096	1.4	282	<.4	198						
37.5-40.5	fine grained arkose/siltstone minor quartz-calcite-chlorite-pyrite veining	25097	1.5	40	<.4	123						
40.5-42.0	strong silicified/altered zone abundant disseminated pyrite - to 10%	25098	1.5	32	<.4	116						
		25099	1.5	80	.9	251						
42.0-48.0	strong silicified/altered zone alternate with pale orange brown (ankeritic) stringers and zones on a cm-dm scale	25100	1.5	136	1.3	144						
	disseminated pyrite throughout - best in the silicified sections	25101	1.5	712	2.8	209	0.55					
	2-10%.	25102	1.5	26	1.0	217						
		25103	1.3	164	3.2	278						
48.0 - 112.2	<b>ARKOSE/SILTSTONE</b> Dark grey fine grained mostly massive arkose occasional thin (cm scale) tan siltstone bands @ 10-20° to c/a. Similar to parts of S-86-1 between 62.2-89.0. Thin mm or less wispy streaks throughout section could be weak shear (mylonitic) zones - all @ 20° to c/a.											
	mm - cm size calcite (quartz) broken stringers weakly developed throughout	25104	1.5	46	.9	163						
	only locally abundant. A vague chloritic hariline stockwork is present	25105	1.5	42	.4	120						
	erratically throughout. Pyrite disseminated as tiny >1 mm grains minor to 1% local heavy disseminations usually associated with chlorite occur as noted below. Few specs/blebs chalcopyrite scattered throughout.											

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-2		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au					
From	To			Au	Ag	Cu	g/t					
	51.7 - 10 cm quartz-chlorite-pyrite vein @ 20° to cm.	25106	1.5	<10	<.4	119						
	54.0 -58.5 low angle (0-10° to c/a) often broken oxidized fractures with heavy mica border over cm or so.	25107	1.5	84	1.1	123						
		25108	1.5	132	.6	217						
	58.5 -58.8 1-2 cm wide pyrite vein (+quartz-chlorite) @ 0-20° to c/a follows core for 30 cm.	25109	1.5	312	.8	227						
		25100	1.5	220	.9	140						
	60.6 1/2 - 1 cm pyrite-quartz-chlorite vein @ 20° to c/a.	25111	1.5	244	2.1	250						
	64.0 cm massive pyrite band @ 65° to c/a.	25112	1.5	220	1.0	158						
		25113	1.5	634	3.5	136	0.56					
		25114	1.5	976	.8	193	0.84					
	66.7 -67.4 heavy disseminated pyrite along limonitic fractures @ 10° to c/a.	25115	1.5	1296	.9	194	0.82					
		25116	1.5	236	1.8	619						
	67.5 -75.0 few narrow, weak silicified/altered zones - recovery here 85%.	25117	1.5	140	<.4	142						
	75.6 -76.2 Cm scale bands of heavily disseminated pyrite (and silicification?) @ 10-20° to c/a.	25118	1.5	114	.5	157						
		25119	1.5	260	.4	185						
	81.4 5 cm massive pyrite band @ 60° to c/a.	25120	1.5	182	.7	173						
	82.3 12 cm massive pyrite band @ 60° to c/a.	25121	1.5	2960	1.0	253	4.70					
	82.3 -98.1 pyrite now more abundant with a few mm wide stringers every 10 cm. Attitudes 10-30° and 60° to c/a pyrite overall 1-5%.	25122	1.5	5490	.7	315	6.65					
		25123	1.5	226	<.4	168						
	96.6 2-3 cm wide, irregular quartz-calcite-chlorite-pyrite veins.	25124	1.5	104	.4	175						
	97.2 1 cm pyrite band at 50° to c/a.	25125	1.5	332	1.5	264						
	97.8 -98.1 1 cm; 5 cm; 3 cm quartz-calcite-chlorite-pyrite bands @ 50° to c/a.	25126	1.5	2900	7.7	942	30.93					
		25127	1.5	244	1.1	163						

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-2
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis				Length	Hole No.	Sheet
					Au	Ag	Cu	Au g/t			
		98.1-100.3 pyrite abundant in cm scale heavily disseminated zones (10% @ 10-20° to c/a.	25128	1.5	8430	14.4	226	7.99			
			25129	1.5	990	3.0	200	0.48			
		100.3-101.5 silicified/alterd zone pyrite locally abundant to 10% also	25130	1.5	1822	2.2	218	1.39			
		trace-minor chalcopryrite, sphalerite, chalcocite? (-sectite).	25131	1.5	1280	8.5	114	1.58			
			25132	1.5	42	.5	94				
		101.5-102.0 50 cm massive pyrite (60-80%) + quartz-calcite gangue @ 30°	25133	1.5	178	1.7	127				
		to c/a. Weak chlorite erratic throughout.	25134	1.5	162	1.9	149				
			25135	1.5	2280	1.5	121	1.71			
		103.0 6 cm quartz-calcite-chlorite-pyrite vein @ 45° to c/a abundant	25136	1.5							
		pyrite, chalcopryrite chlorite form 2 cm wide borders.	25137	1.5	1054	3.2	180	0.82			
			25138	1.5	380	1.2	148				
		104.2 20 cm zone with alternating 1-2 cm wide quartz-calcite-chlorite	25139	1.0	9520	9.0	225	10.08			
		pyrite veins and massive chlorite borders. Disseminated pyrite	25140	0.5	6800	15.9	2220	6.89			
		common also specs to locally heavy chalcopryrite, sphalerite,	25141	1.0	294	2.6	392				
		minor chalcocite(?)	25142	1.5	920	2.5	295	0.62			
		105.5 - 106.7 silicified-recrystallized/alterd zone disseminated pyrite	25143	1.5	62	.7	75				
		common to 5%.	25144	1.5	144	.5	162				
		110.6-111.2 silicified zone includes 1 cm pyrite band @ 60° to c/a. 1 to	25145	1.5	80	<.4	59				
		2 cm quartz-calcite-chlorite-pyrite vein.	25146	1.5	42	<.4	59				
			25147	1.7	160	.5	139				
112.2		END OF HOLE									

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-3
Commenced	July 15, 1986	Location		Tests at	Hor. Comp. 65.0 m
Completed	July 16, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 77.5 m
Co-ordinates	11,372.37 N; 8,852.45 E			True Brg.	00 <sup>0</sup> Logged by R.F.Nichols
Objective				% Recov.	92% Date July 16-18, 1986

Claim	SNIP 1
T Brg.	00 <sup>0</sup>
Collar Dip	-50 <sup>0</sup>
Elev.	735.2 m
Length	101.2 m
Hole No.	S-86-3
Sheet	1

From	To	Description	Sample No.	Length	Analysis			Au g/t
					Au	Ag	Cu	
0	4.6	OVERBURDEN - Casing						
4.6	15.7	ARKOSE/SILTSTONE						
		Medium grey fine grained arkose, color banded with lighter grey/tan siltstone @ 10-20 <sup>0</sup> to c/a calcite stringers, often broken, and hairline chlorite (pyrite)	25148	1.5	270	<.4	61	
		stockwork ubiquitous as in 86-1.	25149	1.5	20	<.4	48	
		4.6-8.2 poor recovery no gouge - all this section may represent large boulders in overburden.	25150	1.5	3720	1.1	257	3.09
		4.6-5.8 - arkose paler grey-bleached	25151	1.5	110	<.4	83	
		5.9 - 15 cm quartz-calcite-chlorite vein with heavy pyrite.	25152	1.5	24	<.4	63	
		11.1-11.4 mm + chlorite-pyrite stringers common @ 20 <sup>0</sup> to c/a.	25153	1.4	36	<.4	96	
			25154	0.4	<10	<.4	83	
15.7	16.1	MAFIC DYKE						
		Dark green massive unit with up to 5 mm hornblende needles common, and abundant dark brown biotite, irregular zones contain 0.5 to 5 mm sub-rounded-rounded white zeolite fillings. Upper contact irregular @ 45-50 <sup>0</sup> to c/a.						
16.1	18.1	ARKOSE/SILTSTONE						
		Badly broken section recovery 50-60% erratic bleaching of the arkose/siltstone narrow zones and stringers of heavily disseminated pyrite @ 10 <sup>0</sup> to c/a.	25155	2.0	296	.8	385	

Scale  
Colour Plot  
& Dip

# Drill Hole Record



Property	SNIP	District	Hole No.	S-86-3
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
18.1 - 18.6	MAFIC DYKE Few narrow hornblende rich bands, also chloritic bands @ 45° to c/a.	25156	0.5	<10	<.4	88	
18.6 - 23.1	ARKOSE/SILTSTONE As above - badly broken - poor recovery between 18.6-20.1 = 30%. heavy disseminated pyrite section 10% +. 21.0 2 cm mafic dykelet at 30° to c/a.	25157 25158 25159	1.5 1.5 1.5	356 20	2.3 <.4	1040 95	
23.1 - 25.4	MAFIC DYKE Dark green massive dyke with hornblende needles, dark brown biotite abundant. 50 cm zone between 23.5 to 24.0 contains numerous subrounded white zeolitic "amygdules". Upper and lower dyke contacts @ 30° to c/a. Dyke cuts off calcite veinlets @ 90° to veinlets.						
25.4 - 35.4	ARKOSE/SILTSTONE Medium grey massive arkose and lighter siltstone bands. mm scale calcite veinlets well developed. mm-cm wide massive pyrite bands common throughout 1 to 2/metre all @ 60 to c/a. Pyrite bands best between 33.3 to 34.3 where 5 cm bands are present.	25160 25161 25162 25163 25164 25165 25166	1.5 1.5 1.5 1.5 1.5 1.5 1.5	1160 2150 766 640 7200 E20300 E18200	.6 <.4 .7 1.7 1.0 3.1 3.8	249 178 235 684 187 518 639	0.69 1.92 0.96 0.89 6.75 19.92 20.05

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
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Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-3	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates			True Brg.	Logged by							
Objective			% Recov.	Date							
Footage	Description	Sample No.	Length	Analysis			Au				
From	To			Au	Ag	Cu	g/t				
35.4	36.6										
	MAFIC DYKE										
	Dyke as above now at 10° to c/a, lower contact has a few cm wide contorted quartz veins parallel to the contact.										
36.6	38.1										
	ARKOSE										
	Dark grey, fine grained arkose, few low angle quartz veins 0-10° to c/a, patchy pyrite along the veins.	36.6 - 38.1	25167	1.5	3000	.5	2453.63				
38.1	40.8										
	MAFIC DYKE										
	As above.										
40.8	43.9										
	ARKOSE/SILTSTONE										
	Dark, fine grained, dense now - hornfelsed between the dykes?	40.8 - 42.3	25168	1.5	202	.5	407.0.21				
	40.8 - 41.9 - pyrite common now 5%	42.3 - 43.9	25169	1.6	1160	<.4	211.1.23				
	41.9 - 42.3 - quartz-calcite-chlorite-pyrite vein @ 60° to c/a.										
43.9	45.3										
	MAFIC DYKE										
	As above.										
45.3	47.8										
	ARKOSE/SILTSTONE										
	Hornfelsed as above - only minor pyrite now.	45.3 - 47.8	25170	2.5E10	800	.5	92.8.85				
47.8	49.4										
	FAULT ZONE - 15% recovery	47.8 - 49.4	25171	1.6	800	22.5	606.0.82				

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-3		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis			Au					
				Au	Ag	Cu	g/t					
49.4 - 85.7	ARKOSE											
	Medium grey, medium to coarse grained arkose - arkosic greywacke.		49.4 - 50.9	25172	1.5	204	<.4	90	0.21			
	Similar to S-86-1	62.2 to 99.7	50.9 - 52.4	25173	1.5	112	1.0	160	0.14			
	S-86-2	11.6 to 48.0	52.4 - 53.9	25174	1.5	2530	5.3	520	3.67			
	mm scale, broken calcite veinlets average 60° to c/a. Chlorite-		53.9 - 55.4	25175	1.5	144	<.4	170	0.14			
	pyrite hairline stockwork also developed throughout pyrite 1-2%		55.4 - 56.9	25176	1.5	E11800	5.4	274	13.35			
	except as noted below.											
	52.9 - 5 cm band, near massive pyrite, also some associated quartz-											
	carbonate (ankerite) and minor chlorite.											
	56.3-56.9 - silicified/altered zone heavy disseminated pyrite and 20 cm											
	quartz-carbonate-chlorite pyrite vein pyrite overall 10-15%.		56.9 - 58.4	25177	1.5	E13400	2.6	302	14.74			
	57.2-57.5 1 to 2 cm wide pyrite vein follows core @ 0-10° for 30 cm.											
	59.1 - 10 cm, irregular pod of quartz-pyrite		58.4 - 59.9	25178	1.5	9400	4.5	509	12.82			
	followed by 10 cm quartz-calcite-chlorite-pyrite band @ 60°?		59.9 - 61.4	25179	1.5	220	1.1	208	0.21			
	63.2 - 5 cm quartz-calcite+chlorite-pyrite vein @ 45° to c/a		61.4 - 62.9	25180	1.5	60	<.4	11	0.07			
	64.4 - 3 cm quartz-pyrite vein @ 30° to c/a.		62.9 - 64.4	25181	1.5	7200	1.8	24	6.51			
	65.7 - 65.9 - 20 cm quartz-carbonate-chlorite-pyrite vein		64.4 - 65.9	25182	1.5	E16000	5.9	211	17.93			
	66.2 - 66.5 - 5 cm massive pyrite band @ 20° to c/a follows core for 30 cm,		65.9 - 67.4	25183	1.5	E43000	14.7	293	50.61			
	mm size pyritic fractures also common.		67.4 - 68.9	25184	1.5	E15000	4.1	110	21.02			
	70.4 - 70.6 - 20 cm silicified zone, minor disseminated pyrite.		68.9 - 70.4	25185	1.5	580	<.4	13	0.86			



Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-3		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au					
From	To			Au	Ag	Cu	g/t					
	71.5-71.9 - 40 cm silicified zone, minor disseminated pyrite.	25186	1.5	134	<.4	9						
	73.9-74.9 - silicified zone, minor disseminate pyrite, also chlorite/biotite	25187	1.5	20	<.4	52						
	common.	25188	1.5	<10	<.4	29						
	74.9-76.4 - strongly silicified zone includes @ 20 cm quartz-carbonate-chlorite-	25189	1.5	450	.4	96						
	pyrite vein @ 60° to c/a and 10. crush/gouge zone also @ 60°	25190	1.5	812	1.9	328	0.86					
	to c/a.	25191	1.5	62	<.4	91						
	77.1-77.9 - section broken, pitted - carbonate leached out? possible shear @	25192	1.5	42	.6	94						
	20° to c/a.											
	89.1-89.5 - several 1-2 cm wide quartz- carbonate - heavy chlorite-pyrite veins	25193	1.5	20	.7	101						
	over 40 cm.	25194	1.5	534	<.4	89	0.65					
85.7 - 101.2	ARKOSE - CONTACT METAMORPHOSED?	25195	1.5	84	<.4	95						
	Dark grey coarse grained unit shows signs of contact metamorphism - unit is	25196	1.5	<10	<.4	71						
	extremely biotitic, and pale-yellow epidote patches/stringers are common	25197	1.5	<10	<.4	127						
	throughout.	25198	1.5	<10	<.4	115						
	mm-cm wide quartz-calcite veinlets common @ 70° to c/a. Average 1 per 10 cm,	25199	1.5	24	<.4	179						
	locally more abundant.	25200	1.5	40	<.4	150						
	Dense, green chlorite often within or adjacent to quartz-calcite veinlets.	25201	1.5	40	<.4	142						
	erratic mm to 2 cm wide. Pyrite in trace-minor (to 1%) amounts.	25202	1.5	40	<.4	81						
		25203	1.5	<10	<.4	37						
		25204	1.5	<10	<.4	85						
101.2	END OF HOLE	25205	2.0	<10	<.4	61						

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-4
Commenced	July 16, 1986	Location		Tests at	Hor. Comp. 56.7 m
Completed	July 17, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 56.7 m
Co-ordinates	11,341.27 N;	8,918.18 E		True Brg.	030°
Objective				% Recov.	95%
				Date	July 18, 1986

Depth metres From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
0 - 3.7	OVERBURDEN - Casing						
3.7 - 7.1	SILTSTONE(?)						
	Difficult unit to identify looks somewhat like a porphyroblastic gneiss -	4.0 - 6.0	25287	2.0	<10	<.4	194
	however most fragments similar to light grey siltstone bands seen else-	6.0 - 8.0	25288	2.0	<10	.4	145
	where - here they are broken (pulled apart) into fragments with a vague						
	pinch and swell texture (boudins) chlorite/biotite as matrix to the	8.0 - 10.0	25289	2.0	<10	<.4	112
	"fragments" adds to the confusion. Chlorite/biotite also present in	10.0 - 12.0	25290	2.0	<10	<.4	170
	"hairline stockwork". Unit may well be recrystallized and/or silicified	12.0 - 14.0	25291	2.0	<10	<.4	123
	as well.						
7.1 - 16.8	ARKOSE/FELDSPATHIC GREYWACKE	14.0 - 16.0	25292	2.0	<10	<.4	120
	Dark grey, coarse grained, massive arkose/wacke barren looking unit except						
	for poorly developed calcite (quartz) stringers with dominant attitude of	16.0 - 18.0	25293	2.0	<10	<.4	62
	60° to c/a. Very weakly developed chlorite trace-minor pyrite hairline						
	stockwork.						
16.8 - 25.8	BROKEN/FAULT ZONE						
	65% recovery very little gouge seen/recovered(?) rock difficult to identify	18.0 - 20.0	25294	2.0	36	<.4	235
	since it is often pitted (calcite stringers leached out), with oxidized	20.0 - 22.0	25295	2.0	<10	<.4	124
	fractures common @ 45-60° to c/a rock unit varies from dark green - chloritic?	22.0 - 24.0	25296	2.0	<10	<.4	110
	to pale tan - bleached sections - most likely an altered arkose/wacke as	24.0 - 25.8	25297	1.8	<10	.4	190
	above. Only trace - minor pyrite present.						

Claim	SNIP 1	Elev.	759.0 m	Length	80.2 m	Hole No.	S-86-4	Sheet	1
	T Brg.	Collar Dip							
	030°	-45°							

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-4		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates			True Brg.	Logged by							
Objective			% Recov.	Date							
Footage	Description	Sample No.	Length	Analysis				Au			
From To				Au	Ag	Cu	g/t				
25.8 - 51.7	<u>ARKOSE/GREYWACKE</u>										
	Dark green, fine-medium grained massive unit not unlike 7.1-16.1 m	25298	2.2	<10	<.4	134					
	but overall a definite green (chloritic) cast to the rock now - could	25299	2.0	940	<.4	61	0.03				
	be andesitic tuff.	25300	2.0	<10	<.4	252					
	mm size quartz-calcite veinlets 1 every 10-20 cm @ 60° to c/a trace - minor	25301	2.0	<10	<.4	286					
	disseminated pyrite and on wide spaced stringers.	25302	2.0	<10	<.4	97					
	34.0 - 38.0 stringers/patches of pyrite 3-5% now.	25303	2.0	<10	<.4	78					
		25304	2.0	<10	<.4	54					
51.7 - 72.3	<u>CHLORITIC ARKOSE/SILTSTONE</u>										
	Very distinctive highly chloritized - calcitic unit. Some grey - pale green	25305	2.0	<10	<.4	127					
	fine to medium grained arkose - siltstone "remnants" in an otherwise	25306	2.0	56	<.4	218					
	completely chloritic unit. Calcite occurs as mm-cm size veinlets within	25307	2.0	<10	<.4	48					
	the chlorite sections often as ladder like structures perpendicular to the	25308	2.0	36	.6	298					
	chlorite/wall rock contacts.	25309	2.0	<10	<.4	220					
	Chlorite zones on cm-dm scale are commonly @ 50° to c/a.	25310	2.0	24	<.4	383					
	Pyrite common as disseminations, stringers and cm size patches - evenly	25311	2.0	<10	<.4	149					
	distributed throughout 3-5%.										
	55.3-56.0 quartz-calcite-chlorite-pyrite vein										
	58 -59.7 weathered-oxidized pitted zone with fractures @ 60° to c/a.										
	61.0 6 cm quartz/ankerite zone										
	63.5-64.4 as above 58-59.4										

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-4		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at			Hor. Comp.						
Completed		Core Size	Corr. Dip			Vert. Comp.						
Co-ordinates			True Brg.			Logged by						
Objective			% Recov.			Date						
Footage	Description	Sample No.	Length	Analysis			Au					
From	To			Au	Ag	Cu	g/t					
	66.4 20 cm quartz-calcite rich zone	25312	2.0	<10	<.4	217						
72.3 - 80.2	ARKOSE											
	Difficult medium grey-green unit most likely a silicified/altered arkose	25313	2.0	<10	<.4	112						
	Pyrite common as disseminations and mm-cm bands/patches 5%+ - locally to	25314	2.3	<10	.4	311						
	20% over cm-dm wide zones. Disseminated magnetite also common now. 1% +	25315	2.0	<10	.6	377						
	overall.	25316	2.0	<10	<.4	317						
		25317	2.0	26	.5	728						
		25318	1.9	<10	.4	595						
80.2	END OF HOLE											

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-5
Commenced	July 17, 1986	Location		Tests at	Hor. Comp. 91.1 m
Completed	July 18, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 91.1 m
Co-ordinates	11,254.89 N;	8,809.72E		True Brg.	00 <sup>0</sup>
Objective				% Recov.	99%
					Date July 19, 1986

Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
0 - 7.1	OVERBURDEN - Casing						
7.1 - 7.4	SILTSTONE Light grey, fine grained (altered-bleached?) siltstone few cm wide bands and patches of pyrite @ 60 <sup>0</sup> to c/a.	25206	0.3	46	< .4	545	
7.4 - 9.4	CHLORITIC SILTSTONE Near massive black green chlorite with locally abundant chalcopyrite, few siltstone remnants contacts with chlorite @ 40-60 <sup>0</sup> to c/a	25207	2.0	200	7.4	8090	
9.4 - 38.3	SILTSTONE/ARKOSE Light to medium grey very fine grained siltstone to fine grained arkose, typical mm-cm wide calcite veinlets weakly developed throughout most @ 60 <sup>0</sup> to c/a. Hairline chlorite-pyrite stockwork throughout well developed between 15.9-27.8						
	9.4 - 10.9 - pyrite-chlorite with quartz-feldspar(?) bands irregular 30-45 <sup>0</sup> to c/a pyrite 5-10% locally up to 15% for few cm.	25208	1.5	42	< .4	589	
	11.9-12.9 - 5 and 15 cm near massive pyrite bands and heavy to massive chlorite section all @ 40-45 <sup>0</sup> to c/a pyrite overall 15% +.	25209	1.0	40	< .4	62	
		25210	1.0	600	6.2	1550	0.51
		25211		72	.4	328	

Claim	SNIP 1
T Brg.	00 <sup>0</sup>
Collar Dip	-45 <sup>0</sup>
Elev.	778.9 m
Length	128.9 m
Hole No.	Sheet

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-5	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates			True Brg.	Logged by							
Objective			% Recov.	Date							
Footage From	To	Description	Sample No.	Length	Analysis			Au			
					Au	Ag	Cu g/t				
	12.9 - 15.9	very chloritic sections, little of original siltstone	25212	1.5	<10	.4	344				
		remains, disseminated pyrite 5% throughout, also numerous	25213	1.5	20	<.4	155				
		mm-cm wide pyrite-chlorite veins overall 7-10% pyrite.	25214	1.5	20	<.4	323				
	27.8 - 38.3	siltstone/arkose now variably bleached silicified in dm wide	25215	1.5	<10	<.4	15				
		zones throughout with approximately 1/2 the section affected.	25216	1.5	60	<.4	69				
		27.8-29.3 - tan pinkish cast - K-spar and/or ankerite?	25217	1.5	<10	<.4	57				
		32.8-33.8 - highly silicified zone - disseminated pyrite 5% to locally	25218	1.5	114	<.4	159				
		10%.	25219	1.5	<10	<.4	45				
38.3 - 50.4		ARKOSE/GREYWACKE	25220	1.5	60	<.4	90				
		Medium grey, medium grained (1/2 mm) arkose/wacke mostly barren calcite	25221	1.4	60	<.4	133				
		veinlets, chloritic hairline stockwork poor - to vaguely developed.	25222	1.5	<10	<.4	52				
		45.8-47.3 - mm-cm size mostly barren quartz-calcite veinlets @ 60-70° similar	25223	1.5	<10	<.4	80				
		to S-86-1 28.0 to 33.5m.	25224	1.0	280	1.4	330				
50.4 - 70.6		SILICIFIED/ALTERED SECTION	25225	1.0	40	<.4	38				
		Highly altered silicified (hard) section with numerous quartz (calcite)	25226	1.0	40	<.4	75				
		veins 50% of action now dense pale green - siliceous/sericitic? rest of	25227	1.5	<10	.4	75				
		section very chloritic (+ biotite) with heavily disseminated pyrite and	25228	1.5	64	.9	87				
		massive pyrite bands as noted:	25229	1.5	<10	<.4	62				
			25230	1.5	50	<.4	125				
			25231	1.5	40	<.4	118				
			25232	1.5	<10	<.4	99				
			25233	1.5	10	.4	82				

Scale

Colour Plot  
& Dips

# Drill Hole Record



Property	SNIP	District	Hole No.	S-86-5
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis			Au g/t		
					Au	Ag	Cu			
				45.8 - 47.3	25234	1.5	<10	<.4	79	
				47.3 - 48.8	25235	1.5	<10	<.4	36	
				48.8 - 50.4	25236	1.5	24	<.4	51	
				50.4 - 51.9	25237	1.6	4030	6.1	874	4.93
		50.4 - 51.9 - 15 cm massive pyrite band upper contact a shear @ 30° to c/a.		51.9 - 53.4	25238	1.5	82	<.4	36	
		- 5 cm massive pyrite "wedge" with 2 cm massive chlorite border upper contact @ 60° to c/a lower contact @ 30° to c/a.								
		- 3 cm massive chlorite with heavily disseminated pyrite.		53.4 - 54.9	25239	1.5	84	1.0	63	
		54.9 - 56.4 heavy chlorite-quartz-calcite veining with 5% + pyrite unit sheared (?) possible cm scale boudins, upper part heavily silicified as well.		54.9 - 56.4	25240	1.5	160	.8	211	
				56.4 - 57.9	25241	1.5	94	<.4	143	
		56.4 - 62.4 - well developed shear fabric (?) @ 50-60° to c/a.		57.9 - 59.4	25242	1.5	142	<.4	150	
		62.4 - 70.6 - dm scale silicified/altered sections disseminated pyrite 5% range.		59.4 - 60.9	25243	1.5	480	.4	219	
				60.9 - 62.4	25244	1.5	132	1.3	153	
		70.6 - 75.9 <u>ARKOSE/GREYWACKE</u>		62.4 - 63.9	25245	1.5	58	.4	97	
		Dark grey coarse grained, massive arkose/wacke - featureless unit, only a few mm + quartz-calcite (barren ) veinlets @ 45-60° to c/a, trace-minor pyrite.		63.9 - 65.4	25246	1.5	78	1.5	160	
				65.4 - 66.9	25247	1.5	118	.5	176	
				66.9 - 68.4	25248	1.5	40	<.4	67	
				68.4 - 69.9		1.5	500	.4	242	0.55
					25250	1.5	70	<.4	119	

Sheet

Hole No.

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-5
Commenced		Location	Tests at	Hor. Comp.
Completed		Core Size	Corr. Dip	Vert. Comp.
Co-ordinates			True Brg.	Logged by
Objective			% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis				Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
					Au	Ag	Cu	Au g/t							
					71.4 - 72.9	25251	1.5	40	<.4	106					
					72.9 - 74.4	25252	1.5	64	<.4	58					
					74.4 - 75.9	25253	1.5	760	<.4	47	0.75				
					75.9 - 76.9	25254	1.5	1184	1.1	323	1.56				
75.9 - 83.9		<u>ALTERED/SILICIFIED - ARKOSE</u>			76.9 - 78.9	25255	2.0	4660	.6	137	0.83				
		Host rock as above 70.6-75.9 but now 50% + of the section is altered			78.9 - 80.4	25256	1.5	2060	1.6	140	2.48				
		- silicified heavy disseminations and massive pyrite bands as noted.			80.4 - 81.9	25257	1.5	160	<.4	112					
		76.1 - 76.9 - very heavy disseminated pyrite 10%+			81.9 - 83.4	25258	1.5	1700	.9	87	2.81				
		76.9 - 78.9 - silicified altered section chlorite - pyrite veinlets			83.4 - 83.9	25259	1.5	1710	3.42	730	2.03				
		(mm-cm) @ 45° to c/a a few @ 10° to c/a.			83.9 - 84.9	25260	0.5	456	1.5	307	0.31				
		80.4 - 83.4 - mostly silicified/altered - erratic chlorite - pyrite to			84.9 - 86.4	25261	1.0	152	.6	197					
		5%.			86.4 - 87.9	25262	1.5	80	.6	148					
83.9 - 107.6		<u>ALTERED/SILICIFIED - SILTSTONE/ARKOSE</u>			87.9 - 89.4	25263	1.5	120	<.4	94					
		Host rock variable now, mostly finer grained than above, but still a few			89.4 - 90.9	25264	1.5	68	.6	165					
		coarser grained sections, bedding @ 20° to c/a. Silicified sections now			90.9 - 92.4	25265	1.5	102	<.4	200					
		dense light green (sericitic?) minor pale pink sections (k-spar?) as well,													
		overall 20-30% as altered zones. Pyrite less than 75.9-83.9 - overall													
		1-3%.													
		88.2 - 88.4 - silicified section @ 45° to c/a pyrite 5%+.													
		89.4 - 90.9 - local heavy disseminated pyrite few low angle mm + pyrite													
		veinlets.													



Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-5		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis		Au						
From To				Au	Ag	Cu	g/t					
	90.9 - 92.4 - few thin quartz-veins, rest appears to have shear (mylonitic) fabric @ 20° - could be laminated siltstone.	92.4 - 93.9 25266	1.5	296	61.0	425	3.75					
		93.9 - 95.4 25267	1.5	182	1.9	613						
	94.8 - 96.6 - silicified zone minor pyrite, occasional blebs of chalcopyrite.	95.4 - 96.9 25268	1.5	160	.8	241						
	weak banding/shearing @ 45° to c/a.	96.9 - 98.4 25269	1.5	32	<.4	99						
	98.4 - 99.9 - highly silicified, waxy light green section, erratic chlorite, few pyrite veinlets @ low angles to c/a.	98.4 - 99.9 25270	1.5	40	.8	132						
		99.9 - 101.4 25271	1.5	160	2.1	923						
	99.9 - 107.9- silicified zones now weak cm-dm wide sections pyrite 2-3%, few local veinlets with pyrite 5% over cm-dm. Chlorite-pyrite hairline stockwork common now.	101.4 - 102.9 25272	1.5	100	<.4	97						
	Some banding/shearing @ 45° to c/a.	102.9 - 104.4 25273	1.5	82	<.4	135						
		104.4 - 105.9 25274	1.5	74	<.4	147						
107.6 - 112.0	MAFIC DYKE	105.9 - 107.6 25275	1.5	160	.8	246						
	Dark green mafic dyke like those in S-86-3. Felted texture of black amphibole needles/laths and dark brown biotite, subrounded white (zeolites?) locally abundant in bands(?)	112.0 - 113.5 25276	1.7	24	<.4	137						
	Upper/lower contacts @ 30° to c/a some crushing along upper contact.											

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-5	Claim	T. Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates			True Brg.	Logged by							
Objective			% Recov.	Date							
Footage	Description	Sample No.	Length	Analysis							
From To											
112.0 - 128.9	ARKOSE-SILTSTONE										
	Medium grey arkose/siltstone - silicified sections as above (3.9-107.6) only	113.5 - 115.0	25277	40	.5	194					
	minor quartz-calcite veining now, chlorite-pyrite stockwork common, seems	115.0 - 116.5	25278	24	.4	201					
	better developed in finer grained sections. Small pale yellow epidote patches	116.5 - 118.0	25279	64	.6	289					
	and occasional vein selvages present throughout. Some fine banding/shearing	118.0 - 119.5	25280	36	<.4	230					
	@ 10-20° to c/a pyrite between 1-3%.	119.5 - 121.0	25281	24	.4	113					
		121.0 - 122.5	25282	24	<.4	124					
	124.2 - 124.6 - silicified zone with heavy disseminated pyrite.	122.5 - 124.0	25283	84	.6	225					
		124.0 - 125.5	25284	264	2.2	566					
128.9	END OF HOLE	125.5 - 127.0	25285	24	<.4	117					
		127.0 - 128.9	25286	24	<.4	70					

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-6
Commenced	August 4, 1986	Location		Tests at	Hor. Comp. 76.1 m
Completed	August 5, 1986	Core Size BQ		Corr. Dip	Vert. Comp. 76.1 m
Co-ordinates	11,303.82 N;	9,000.84 E		True Brg.	030°
Objective				% Recov.	97%
				Date	August 4-5, 1986

Claim	SNIP 1
T Brg.	030°
Collar Dip	-45°
Elev.	774.2 m
Length	107.6 m

Footage From To	Description	Sample No.	Length m	Analysis			
				Au	Ag	Cu	Au g/t
0 - 2.1 m	<u>OVERBURDEN</u> - Casing						
2.1 - 5.3	<u>ARKOSE/GREYWACKE</u> Very fine grained arenaceous unit - massive medium grey. mm-cm wide calcite (quartz) chlorite veinlets @ 55° to c/a - chlorite often vivid emerald green (sericite?) mm-cm wide pyrite rich bands @ 50° to c/a some cut calcite veinlets others cut by calcite (quartz) inter- section angles 70°/110° pyrite overall 10%.	25324	1.6	140	.7	187	
5.3 - 42.0	<u>VARIABLY ALTERED ARKOSE-WACKE/SILTSTONE</u> Unit ranges from "unaltered" sections similar to above (2.1-5.3) to completely sericite/silicified, heavily pyritic sections, altered sections light to pale grey in color. Grain size banding occasionally @ 40-45° to c/a - probably primary, but could be due to variation in intensity of alteration, recrystallization. mm-cm wide calcite (quartz)- chlorite veinlets same as above (2.1-5.3) would indicate this unit is an altered version of above in most, but not all cases the alteration - silicified-sericitic-pyritic zones appear to cut (post date) the calcite (quartz) veinlets - occasionally the calcite cuts the altered zones, dominant attitudes @ 45-55° to c/a. Weak foliation @ 70° to c/a developed dm-metric scale variations in alteration includes the following types.	25325	1.6	150	.5	154	

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-6
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis				Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
				Au	Ag	Cu	Au g/t							
	- fresh, weakly altered arkose-wacke/siltstone like (2.1-5.3)													
	- fine grained, massive, light grey - sericitic unit - originally a siltstone?													
	- fine-medium grained, massive light-medium grey arkose-wacke, often hard feldspars only slightly altered now, darker color due to up to 10% finely disseminated pyrite which usually occurs in pyrite rich bands - may reflect original Fe rich beds.													
	- silicified sections - often with vaguely defined contacts, some erratic tan-pink K-spar/ankeritic-sideritic sections occur within these zones.													
	- pyrite variable in amount and habit throughout overall 10%, range 2-3% to 20% pyrite can occur as (i) .5-3.0 mm size (cubic) grains often partially or completely surrounded by quartz-calcite-biotitic rims - this type of pyrite could be metamorphic (porphyroblasts??) (ii) massive to near massive pyrite rich bands with a calcite (quartz) + biotite matrix - possibly these bands are bedding parallel.													
	A general subdivision of this unit includes:-													
	5.3 - 11.0 - fine grained massive sericitic unit with cm-dm interbands of weakly altered massive arkose-wacke pyrite up to 10% + throughout.	25326	2.0	450	1.2	254								
		25327	2.0	290	2	242								
		25328	1.7	210	3.3	101								
	11.0 - 12.8 - mostly unaltered arkose/wacke like 2.1-5.3 narrow sericitic-pyritic zones.	25329	1.8	160	1.5	208								

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property		District	Hole No.	S-86-6					Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.											
Completed		Core Size	Corr. Dip	Vert. Comp.											
Co-ordinates			True Brg.	Logged by											
Objective			% Recov.	Date											
Footage		Description	Sample No.	Length	Analysis										
From	To				Au	Ag	Cu	Au							
					g/t			g/t							
		12.8 - 13.8 - silicified section		12.8 - 13.8	25330	1.0									
		13.8 - 16.1 - fine grained massive arkose with finely disseminated pyrite "bands" few cm-dm sericitic siltstone(?) bands.		13.8 - 15.8	25331	2.0	220	1.4	154						
		16.1-21.9 - light grey, fine grained sericitic siltstone(?) pyrite mostly as disseminated mm size cubes.		15.8 - 17.8	25332	2.0	140	1	29						
				17.8 - 19.8	25333	2.0	170	1.5	250						
				19.8 - 21.8	25334	2.0	150	.5	80						
		21.9 - 28.0 - fresh-weakly altered medium gray fine grained arkose-wacke similar to (2.1-5.3) pyrite grains/cubes to 3 mm (porphyroblasts?) scattered throughout.		21.8 - 23.8	25335	2.0	120	.7	88						
				23.8 - 25.8	25336	2.0	50	.5	29						
		21.9-22.6 - low angle shear - 0-10 <sup>0</sup> to c/a		25.8 - 27.8	25337	2.0	90	1.7	166						
		25.0-28.0 - dm bands/sections with finely divided pyrite now.													
		28.0 - 29.3 - fine grained arkose like 13.8-16.1		27.8 - 29.8	25338	2.0	360	1.4	89						
		29.3 - 33.7 - tan to tan-pink silicified section K-spar/ankeritic rich? pyrite common but not abundant 2-5%, avg. 3%.		29.8 - 31.8	25339	2.0	230	.8	73						
				31.8 - 33.8	25340	2.0	180	3.8	9						
		33.7 - 37.0 - light grey sericitic siltstone - very fine grained, dense, some dark grey-green chloritic sections over cm-dm.		33.8 - 35.8	25341	2.0	130	3.6	166						
				35.8 - 37.8	25342	2.0	210	1.9	43						
		37.0 - 42.0 - fine-medium grained, medium grey arkose-wacke disseminated pyrite, also vague bedding parallel pyrite rich bands - most mm scale. Also few mm-cm wide tan siltstone bands @ 30 <sup>0</sup> to C/A.		37.8 - 39.8	25343	2.0	120	1.1	35						
				39.8 - 41.8	25344	2.0	220	1.1	11						

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property		District	Hole No.	S-86-6		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.		Logged by							
Objective		% Recov.		Date							
Footage	Description	Sample No.	Length	Analysis		Au					
From	To			Au	Ag	Cu	g/t				
42.0	47.9	SILTSTONE									
		Very fine grained, dense, soft unit red-brown (+ green) colour due to biotite and possibly chlorite development. mm-cm wide tan siltstone bands @ 30° to C/A.	41.8-43.8	25345	2.0	2202.1	181				
		Pyrite sparsely disseminated except where wide spaced cm-dm wide light grey sericite zones cut the core @ 45° to C/A.	43.8-45.8	25346	2.0	210.1	3100				
		47.1 - 47.9 - mostly tan-pink siltstone(?) now.	45.8-47.9	25347	2.1	190.1	55				
47.9	49.7	MINERALIZED ZONE									
		Estimated 60% recovery - mostly quartz + chlorite scattered blebs and disseminations of pyrite throughout, also cm size red brown to pale brown sphalerite common and cm + patches of graphite, often intermixed with the pyrite.	47.9-49.7	25348	1.8	548048.8	144	5.88			
49.7	50.8	FAULT ZONE									
		10% recovery - broken, bleached-oxidized zone now - no gouge recovered.	49.7-50.8	25349	1.1	190.1	12				
50.8	57.3	SILTSTONE									
		Similar to 42.0-47.9	50.8-52.8	25350	2.0	820.1	82	0.55			
			52.8-54.8	25351	2.0	520.1	281	0.55			
			54.8-56.8	25352	2.0	290.1	251				
57.3	61.9	SILTSTONE									
		Light grey-more altered than above pyrite locally very abundant i.e.) 61.1	56.8-58.8	25353	2.0	190.1	288				
		61-5 where disseminated red brown sphalerite also common.	58.8-60.8	25354	2.0	1180.1	51	1.03			
			60.8-62.8	25355	2.0	710.7	180	0.82			

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-6
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis				Collar Dip	Elev.	Length	Hole No.	Sheet
				Au	Ag	Cu	g/t					
61.9 - 69.5	<u>SILTSTONE</u> Similar to 42.0 - 47.9											
		25356	2.0	120	4.4	21						
		25357	2.0	310	4	10						
		25358	2.0	420	8	203						
69.5 - 72.8	<u>ARKOSE-GREYWACKE</u> Fine grained massive arkose/wacke-sericitic pyrite as .5 mm or less grains-cubes heavily disseminated throughout.											
		25359	2.0	1600	7	140	1.71					
		25360	2.0	510	5	151	0.55					
72.8 - 89.9	<u>SILICIFIED SILTSTONE</u> Light grey to tan-pink silicified K-spar rich sections alternate on cm scale with tan siltstone bands @ 70° to C/A. Occasional dm-metre wide section of above. (42.0 - 47.9). Pyrite abundant throughout - overall 10% + some cm-bands with heavy disseminations of pyrite cubes @ 70° to C/A - bedding parallel.											
		25361	2.0	190	7	211						
		25362	2.0	360	8	336						
		25363	2.0	1100	4.4	400	1.13					
		25364	2.0	590	4.3	457	0.69					
		25365	2.0	1220	2.6	495	1.20					
		25366	2.0	1310	1.7	328	1.47					
		25367	2.0	2460	2.1	516	2.78					
		25368	2.0	260	1.2	260						
		25369	2.0	60	.6	118						
	77.1 - 78.1 - 1 cm wide pyrite bands follows core for 1 metre.											

Scale

Colour Plot  
& Dip

# Drill Hole Record



Property	District	Hole No.	S-86-6
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
89.9 - 107.6	ARKOSE-GREYWACKE						
	Fine to medium grained, mostly massive sericitic unit, similar to 69.5 - 7.28	25370	2.0	370	.6	129	
	abundant disseminated pyrite, also cm + wide heavily pyritic bands common @	25371	2.0	170	5.4	88	
	70° to C/A - a few @ 50° to C/A.	25372	2.0	180	.6	233	
		25373	2.0	270	4.4	65	
		25374	2.0	240	.6	81	
		25375	2.0	190	5.4	111	
		25376	2.0	240	1.3	40	
		25377	2.8	250	.8	114	
107.6	END OF HOLE						

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
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Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD MD	Hole No.	S-86-7
Commenced	August 5, 1986	Location		Tests at	Hor. Comp. 67.9 m
Completed	August 6, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 67.9 m
Co-ordinates	11,366.10 N;	8,876.21 E		True Brg.	270° Logged by R.F.Nichols
Objective				% Recov.	97% Date August 5-6, 1986

Claim	SNIP 1	T Brg.	270°	Collar Dip	-45°	Elev.	737.7 m	Length	96.0 m	Hole No.	Sheet
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From	To	Description	Sample No.	Length m	Analysis				
					Au	Ag	Cu	Au g/t	
0	4.5	OVERBURDEN - Casing							
4.5	28.7	ARKOSE-GREYWACKE							
		Medium to dark grey, fine to medium grained arkose/wacke, a few dm and finer grained - siltstone sections. mm-cm scale broken, pulled apart calcite veinlets erratic throughout. in better developed sections dominant attitude is 30-45° to C/A. Hairline chlorite-pyrite stockwork vaguely developed - locally moderately well developed.							
		4.5 - 8.6 - some weathering (oxidation) core pitted calcite veinlets weathered out.	25378	2.0	80	<.4	53		
		6.5 - 8.5	25379	2.0	1010	<.4	82	0.34	
		12.9 - 13.9 - broken section, low angle 10-20° oxidized fractures common. 15.8, mm wide pyrite, quartz-calcite @ 45°.	25380	2.0	40	<.4	54		
		17.1-17.3 - mm-cm wide pyrite bands @ 80° to C/A.	25381	2.0	90	.6	206		
		12.5 - 14.5	25382	2.0	50	<.4	122		
		22.4 - 22.7 quartz-calcite (chlorite) with heavy pyrite in erratic	25383	2.0	80	<.4	193		
		cm wide zones irregular contacts @ 30-40° to C/A	25384	2.0	140	.6	170		
		18.5 - 20.5	25385	2.0	500	.8	203	14.37	
28.7	31.1	CHLORITIZED ZONE	25386	2.0	730	<.4	163	0.75	
		Heavy/massive chlorite in bands @ 10° to C/A make up more than half	25387	2.0	260	<.4	151	0.41	
		the section also some cm-dm siltstone- fine grained arkose bands,	25388	2.0	50	<.4	68	0.08	
		26.5 - 28.7	25389	2.2	2040	1.3	93	2.28	
		28.7 - 29.9	25390	1.2	6640	5.2	239	5.07	

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-7
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			
				Au	Ag	Cu	Au g/t
31.1 - 41.1	<u>MINERALIZED ZONE</u> Quartz-calcite (dolomite) - pyrite zone all attitudes @ 10° to C/A, except for few dm scale folds which result in locally steeper attitudes. Pyrite very abundant with several massive bands, chalcopyrite also widespread - up to 1%.						
	31.1 - 32.3 - section 75% massive pyrite, with minor calcitic gangue rest of section quartz rich with abundant disseminated pyrite, chalcopyrite.	25392	1.2	E12000	29.8	6490	8.85
	32.3 - 33.3 - quartz-calcite crystalline dolomite zone mm-cm wide "streaks" of pyrite, overall 20% chalcopyrite also common.	25393	1.0	E17500	48.5	E17100	22.15
	33.3 - 34.3 as above (32.3 - 33.3) pyrite now 5-10% but 1-2 cm wide chalcopyrite rich zone(s).	25394	1.0	705037.7	E11040	9.26	
	34.3 - 35.3 as above (32.3 - 33.3) includes a massive pyrite band that follows the core for 40-50 cm.	25395	1.0	E22000	55.8	E13400	29.73
	35.3 - 36.3 as above (32.3-33.3) includes 2-10 cm wide massive pyrite bands @ 45° to C/A.	25396	1.0	5420	28.6	5500	4.59
	36.3 - 37.3 mm scale chlorite veinlets/bands common now, pyrite less than 5% overall, minor chalcopyrite.	25397	1.0	4470	25.7	5660	7.27

Sheet

Hole No.

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-7		Claim	T Brg.	Collar Dip	Elev.	Length	Line No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis		Au					
				Au	Ag	Cu	g/t				
	37.3 - 38.3 as above (36.3-37.3).	25398	1.0	3160	14.2	4240	8.71				
	38.3 - 39.3 mm-cm chlorite rich bands angles vary on cm-dm scale from 10-45° to C/A.	25399	1.0	320	4.8	1130	0.75				
	39.3 - 41.1 2 cm wide pyrite band- irregular along core possible "clipped" fold nose. Also coarse crystalline dolomite bands - lower half broken, oxidized.	25400	1.8	260	4.2	546					
41.1 - 43.0	<b>ARKOSE-GREYWACKE</b> Light- medium grey, massive arkose/wacke disseminated red brown biotite cause slight brownish hue, minor pyrite, except for few mm wide veinlets @ 45° to C/A. Also some mm-cm wide chlorite rich zones @ 60° to C/A. Distinctive mm-cm wide barren quartz-calcite (chlorite) veins also common now. @ 60-70° to C/A between 40.5 - 45.7. Similar to those in 86-1, 86-2, 42.6 - 5 cm mafic (lamprophyre) dyke @ 70° to C/A.	25401	1.9	90	<.4	109					
43.0 - 43.5	<b>MAFIC DYKE</b> Lamprophyre? Upper contact sheared @ 40° to C/A.	25402	0.5	10	<.4	142					

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-7		Claim	T Brg.	Collar Dip	Elev.	Length	U.S. M.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis				Au			
From	To			Au	Ag	Cu	g/t				
43.5	45.7										
	ARKOSE-GREYWACKE										
	As above (41.1 - 43.0).	43.5 - 45.7	25403	2.2	30	<.4	36				
	cm wide mafic dyke cuts all other veins barren quartz - calc										
	@ 60° to C/A with mafic dyklet @ 45° to C/A. - Angle between the										
	two 75° + 105°.										
45.7	47.4										
	MAFIC DYKE										
	Lamprophyre (?) contacts @ 45° to C/A.	45.7 - 47.4	25405	1.7	130	<.4	94				
47.4	55.8										
	SILICIFIED ARKOSE										
	Medium to coarse grained arkose/wacke now medium grey - pinkish	47.4 - 49.4	25406	2.0	<10	<.4	66				
	(k-spar/ankerite). Vague to moderately well developed chlorite-	49.4 - 52.0	25407	2.6	20	<.4	67				
	pyrite hairline stockwork. Pyrite also weakly disseminated and	52.0 - 52.5	25408	0.5	50	<.4	69				
	in occasional veinlet overall 1-2%.	52.5 - 54.5	25409	2.0	160	<.4	100				
	52.0 - 52.5 - MAFIC DYKE @ 50° to C/A.	54.5 - 56.5	25410	2.0	2710	.6	218	3.19			

Scale  
Colour Plot  
& Dip

# Drill Hole Record



Property	District	Hole No. S-86-7		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							
Completed	Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.	Logged by							
Objective		% Recov.	Date							
Footage From To	Description	Sample No.	Length	Analysis			Au			
				Au	Ag	Cu	g/t			
55.8 - 67.5	<u>ARKOSE-GREYWACKE</u> Medium grained, medium grey mostly massive unit some finer grained, lighter grey (bleached?) siltstone sections. mm size broken/pulled apart calcite veinlets erratic @ 50° to C/A - occas. to 40°, moderate to well developed chlorite-pyrite hairline stockwork throughout.	58.5 - 60.5 60.5 - 64.5 62.5 - 66.5 66.5 - 68.5	2.0 2.0 2.0 2.0	25411 25412 25413 25415	150 80 30 50	<.4 <.4 <.4 <.4	147 114 67 75			
67.5 - 87.5	<u>ARKOSE/SILTSTONE</u> Fine grained, medium grey arkose with mm-cmm thick tan (pink) siltstone bands - some siltstone bands laminated @ mm or less. Upper part bedding @ 20° to C/A by 73.0 m commonly 30-40° to C/A. Some small scale (mm+) offset along chloritic fractures. mm scale broken calcite, veinlets erratic @ 30° to C/A often cut the siltstone bands @ close to 90° pyrite 1-2% locally higher where a few pyritic stringers occur.	68.5 - 70.5 70.5 - 72.5 72.5 - 74.5 74.5 - 76.5 76.5 - 78.5 78.5 - 80.5 80.5 - 82.5 82.5 - 84.5 84.5 - 86.5 86.5 - 88.5	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	25416 25417 25418 25419 25420 25421 25422 25423 25424 25425	80 240 70 90 100 90 390 310 80 330	<.4 1.2 <.4 <.4 <.4 .4 <.4 <.4 <.4 .9	128 448 132 158 96 155 168 93 109 189			

Scale  
Colour Plot  
& Dips

# Drill Hole Record



Property	District	Hole No. S-86-7	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			
				Au	Ag	Cu	Au g/t
87.5 - 96.0	<u>ARKOSE/GREYWACKE</u> Light-medium grey, mostly massive fine grained arkose-wacke only occasional narrow siltstone band now @ 10° to C/A.						
		88.5 - 90.5	25426	2.0	120	2.4	117
	Well developed chlorite-pyrite hairline stockwork broken calcite veinlets	90.5 - 92.5	25427	2.0	100	.4	153
	variable, locally abundant - dominant attitudes 20-40° to C/A pyrite poor	92.5 - 94.5	25428	2.0	60	2.4	111
	section 1% +.	94.5 - 96.0	25429	1.5	100	2.4	90
	91.4 1 cm thick quartz-calcite pyrite vein @ 10° to C/A.						
96.0	END OF HOLE						

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
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Sheet

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-8
Commenced	August 7, 1986	Location		Tests at	Hor. Comp. 71.8 m
Completed	August 9, 1986	Core Size	BQ	Corr. Dip	Vert. Comp. 71.8 m
Co-ordinates	11,476.82 N; 8,686.77 E			True Brg.	030°
Objective				% Recov.	98%
					Date August 8-10, 1986

Depth metres From	To	Description	Sample No.	Length	Analysis			
					Au	Ag	Cu	Au g/t
0	3.4	OVERBURDEN - Casing						
3.4	5.2	ARKOSE-GREYWACKE Medium grained, medium grey massive arkose - wacke weak alteration - silicified - some mm scale broken calcite veinlets - some pitting - weathered calcite? - minor pyrite.	27352	1.8	140	<.4	77	
5.2	8.0	MINERALIZED ZONE 5.2 - 5.5 - quartz-calcite-chlorite band @ 70°-75° to C/A 5.5 - 5.7 - near massive pyrite band @ 70° to C/A 5.7 - 6.9 - chloritic - medium grained arkose, some sections very chloritic disseminated pyrite overall 1-2%. mm-cm scale broken calcite veinlets @ 70° to C/A also 10 cm quartz/calcite) heavy chlorite, pyrite @ 70-80° to C/A and a few cm thick pyritic bands @ 45° to C/A.	25430	0.5	E76000	31.5	1760	94.85
		6.9 - 8.0 - quartz-calcite-chlorite (silicified) zone pyrite near massive in places attitudes 70° to C/A 7.1 - 7.45 - pyrite 50% overall. 7.45 - 7.8 - quartz (silicified) pyrite minor-trace chalcopyrite. graphite	25431	2.2	E14100	3.3	238	10.32
			25432	1.1	E29700	22.3	1750	38.20

Claim	SNIP 1	T Brg.	030°	Collar Dip	-45°	Elev.	624.6 m	Length	101.5 m	Hole No.	Sheet
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Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-8	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							
Completed	Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.	Logged by							
Objective		% Recov.	Date							
Footage	Description	Sample No.	Length	Analysis				Au		
From	To			Au	Ag	Cu	g/t			
	7.8 - 8.0 - typical quartz-calcite-chlorite-pyrite band @ 70-75° to C/A.									
8.0 - 9.2	<u>CHLORITIC ARKOSE-GREYWACKE</u> Similar to (5.7 - 6.9).	25433	1.2	130	<.4	55				
9.2 - 9.7	<u>FAULT ZONE</u> 40% recovery - gouge - some foliation developed @ 70° appears to be pyrite poor.	25434	0.5	190	<.4	97				
9.7 - 19.8	<u>ALTERED - SILICIFIED - SERICITIC ZONE</u> Highly altered section unit pale grey to pink silica k-spar and/or ankeritic flooded. Also very well developed hairline chlorite-pyrite stockwork present throughout - locally displays breccia texture, pale yellow-sericite(?) patches throughout pyrite variable 2 to 10%. Best pyrite @ 13.1 to 13.6 + 20%	25435 25436 25437 25438 25439 25440	2.0 1.4 0.5 2.0 2.0 2.0	60 220 10400 10000 960 810	.4 .7 24.7 4.3 1.6 3.8	46 116 766 474 288 802	116 111 57 10 1.17 1.06			





Scale  
Colour Plot  
& Dip

# Drill Hole Record



Property	District	Hole No.	S-86-8
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
	39.3 - 3 cm massive pyrite @ 70-80° to C/A	25451	2.0	20	.4	97	
	39.3 - 42.0 - pink-silicified - k-spar/ankeritic zone similar to 9.7 - 19.8 pyrite overall 5% locally higher.	25452	2.0	50	.4	97	
	42.0 - 48.2 - fine-medium grained, medium grey unaltered arkose, broken calcite veinlets common, minor chloritic stockwork	25453	2.0	120	2.3	201	
	48.2 - 57.3 - moderate-strong alteration-silicified grey-pink (k-spar/ ankeritic) zones common pyrite generally poor 1-2%.	25454	2.0	40	.8	127	
		25455	2.0	10	.4	22	
		25456	2.0	20	.4	37	
	53.0 - 20 cm quartz-calcite-chlorite band @ 60° to C/A pyrite between 10-20%.	25457	2.0	194	1.2	63	25.82
		25458	2.0	190	.4	41	
	50.4 - 57.3 - transition strong to weakly altered section.	25459	2.0	170	1.1	249	
		25460	2.0	40	.5	93	
		25461	2.0	30	.4	74	
	57.3 - 62.5 - only weakly altered now mm-cm quartz-calcite veins common now erratic pale yellow oxidized sections also few mm-cm massive chlorite patches/bands.	25462	2.0	90	.6	137	
		25463	2.0	50	.4	101	
		25464	2.0	410	.4	111	
	62.5 - 80.1 - moderate to strong alteration effects 70% of the section now. Occasional metre plus weakly altered sections pyrite overall 1-2%.	25465	2.0	50	.5	78	
		25466	2.0	160	.4	56	
		25467	2.0	100	.4	78	
		25468	2.0	140	.4	77	
		25469	2.0	80	.6	95	
		25470	2.0	100	.4	44	

Sheet

Hole No.

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-8		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis			Au g/t				
80.1 - 101.5	<u>ARKOSE-GREYWACKE</u>			Au	Ag	Cu					
	Typical fine-medium grained, medium grey massive arkose-wacke like	81.6 - 83.6	25472	2.0	210	.4	77				
	(19.8 - 32.9) occasional silicified - pinkish K-spar/ankeritic zones	83.6 - 85.6	25473	2.0	80	<.4	84				
	over few cm, minor pyrite otherwise section mostly barren - attitudes	85.6 - 87.6	25474	2.0	60	.4	83				
	generally 50° to C/A a few mm scale pyrite veinlets common @ 60° and	87.6 - 89.6	25475	2.0	250	<.4	59				
	0-10° to C/A then tan siltstone bands in last metre @ 0-10° to C/A.	89.6 - 91.6	25476	2.0	180	<.4	65				
		91.6 - 93.6	25477	2.0	120	1.7	224	1.13			
		93.6 - 95.6	25478	2.0	150	.5	71				
101.5	END OF HOLE	95.6 - 97.6	25479	2.0	120	<.4	91				
		97.6 - 99.6	25480	2.0	80	.7	80				
		99.6 - 101.5	25481	1.9	80	<.4	63				

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District Liard M.D.	Hole No.	S-86-9
Commenced	August 9, 1986	Location	Tests at	Hor. Comp. 34.3 m
Completed	August 11, 1986	Core Size BQ	Corr. Dip	Vert. Comp. 34.3 m
Co-ordinates	11,420.10 N; 8,649.65 E		True Brg. 030°	Logged by R.F. Nichols
Objective		% Recov. 98%	Date	August.10-11/86

Claim	SNIP 1
T Brg.	030°
Collar Dip	-45°
Elev.	620.6 m
Length	48.5 m
Hole No.	C-86-9
Sheet	1

From	To	Description	Sample No.	Length	Analysis			Au g/t
					Au	Ag	Cu	
0	10.7	OVERBURDEN/CRUSHED BEDROCK - casing						
10.7	12.0	ARKOSE-SILTSTONE						
		Broken section, with poor recovery - some boulders pieces dominantly fine grained arkose-siltstone bedding @ 30° to C/A.	25482	1.3	120	.9	194	
12.0	14.6	ARKOSE						
		Coarse grained to breccia size arkosic unit may be weakly silicified locally, irregular lower contact @ 20° to C/A occasional cm wide barren quartz-calcite vein @ 50° pyrite as mm wide stringers and occasional disseminations and patches 2-5%.	25483	2.6	100	.4	150	
14.6	15.8	ARKOSE-SILTSTONE						
		Fine grained medium grey arkose to siltstone massive, featureless except for mm broken calcite veinlets @ 10-20° to C/A.	25484	1.2	70	<.4	38	
15.8	39.6	ARKOSE						
		Coarse grained massive arkose has vague "intrusively" appears due to variable silicification/recrystallization. 1 mm size grain/ fragments of feldspar largest grain size measured. mm-cm "barren" quartz-calcite veins 1 per metre @ 40-50° to C/A.	25485 25486 25487 25488	2.0 2.0 2.0 2.0	80 50 170 200	<.4 .4 .4 .5	76 78 178 123	

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
From	To	Description	Sample No.	Length	Analysis						
					Au	Ag	Cu	g/t			
		Weak erratic broken mm size calcite veinlets most @ 20°, some 60° to C/A.	23.8 - 25.8	25489	2.0	100	.4	87			
			25.8 - 27.8	25490	2.0	50	1.2	148			
		Poorly developed chlorite-pyrite stockwork throughout pyrite	27.8 - 29.8	25491	2.0	90	.9	120			
		minor to 1% locally to few % over cm-dm. Sections of silicification - from 27.4 pyrite up to 5% average 2-3%. Pyrite chlorite stringers also seen from 27.4 @ 70-80° to C/A 1 every metre.	29.8 - 31.8	25492	2.0	60	.5	21			
		32.2 - 1-2 cm quartz-calcite chlorite vein @ 35° to C/A minor pyrite.	31.8 - 33.8	25493	2.0	100	1.2	97			
		32.6 - 32.9 - quartz rich (silicified) zone part is quartz-calcite chlorite with pulled apart weakly boudinaged.									
		Narrow bands of a pale green sericitic unit. Pyrite erratic locally abundant, also few mm wide stringers with small specs - blebs of sphalerite.									
		34.4 - 34.7 - pale green silicified-sericitic zone vague contacts also 1 cm quartz-calcite minor chlorite-pyrite @ 70° to C/A.	33.8 - 35.8	25494	2.0	80	.5	115			
		34.1 - 48.5 - distinctive barren quartz-calcite veins @ 50° to C/A - some @ 30° 1-3/metre occasional chlorite specs, trace pyrite.	35.8 - 37.8	25495	2.0	60	.4	87			
			37.8 - 39.8	25496	2.0	60	.5	94			

Scale

Colour Plot  
& Dips

# Drill Hole Record



Property	District	Hole No.	S-86-9
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	File No.	Sheet
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Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
38.9 - 39.2	silicified - pale green sericitic zone 1 cm quartz-calcite-chlorite vein @ 70° with mm wide pyritic borders - some pyrrhotitic also.						
39.2 - 39.6	very strong chlorite-pyrite stockwork now - close to crackle breccia - fragments sericitic. pyrite to 5%. Similar to S-86-8 at (9.7 - 19.8). includes mm + pyritic band @ 10° to C/A that follows core for 20-30 cm.						
39.6 - 43.3	<u>ARKOSE</u> Dark grey, fine grained arkosic unit featureless except for few cm-dm silicified zones.						
		39.8 - 41.8	25497	2.0	70	.7	86
		41.8 - 43.3	25498	1.5	80	1	165
43.3 - 45.3	<u>SILICIFIED ZONE</u> Highly silicified-sericitic section very well developed chlorite-pyrite stockwork like (39.2 - 39.6).						
		43.3 - 45.3	25499	2.0	7920	1.3	92 8.61

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							
Completed	Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.	Logged by							
Objective		% Recov.	Date							
Footage From To	Description			Sample No.	Length	Analysis Au Ag Cu g/t				
45.3 - 46.25	<u>MINERALIZED ZONE</u> Well mineralized section includes: - 20 cm near massive pyrite contacts @ 30-40° abundant red-brown sphalerite in bands @ 40° galena, chalco- pyrite also common. - 20 cm silicified arkose - 35 cm typical quartz-calcite-chlorite-pyrite vein @ 40° to C/A. - 20 cm massive pyrite. Lower contact chloritic shear @ 35-40°.	45.3 - 46.20	25500	0.90	7830	E105	965	10.80		
46.25 - 48.5	<u>ARKOSE</u> Dark grey - fine grained silicified(?) arkose-weak to moderately well developed chlorite-pyrite stockwork - occas mm wide broken calcite @ 60° to C/A. 47.2 - 2 cm massive pyrite band at 50° to C/A.	46.20-48.5	27351	2.3	1240	1.6	165	0.99		
48.5	END OF HOLE - Set up unstable, drill shifted and Couldn't be realigned.									

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-9A
Commenced	August 29, 1986	Location	k	Tests at	145.7 m
Completed	September 1, 1986	Core Size	BQ	Corr. Dip	-46°
Co-ordinates	11,419.1 N; 8,649.65 E			True Brg.	030°
Objective				% Recov.	97%
				Logged by	R.F. Nichols
				Date	Aug.30-Sept.2/86

From	To	Description	Sample No.	Length	Analysis			Hole No.	Sheet
					At	Ag	Cu g/t		
		OVERBURDEN - Casing							
6.1	13.4	ARKOSE-GREYWACKE							
		Medium to dark grey, medium to coarse grained arkose/wacke occasional thin	26001	2.0	170	.7	124		
		these siltstone bands, and biotitic pyritic laminae (less than mm)	26002	2.0	140	.4	106		
		@ 20° to C/A.							
		10.5 - 14.6 - broken, oxidized-bleached section fractures variable							
		10-45°							
		6.1 - 8.4 - 50% recovery - massive arkose possibly altered -							
		chloritic throughout, dissem. pyr 5%.	26004	2.0	180	.5	107		
		12.1 - 14.1							
13.4	15.1	ARKOSE							
		Very coarse grained to breccia size fragments unit appears silicified							
		could be in part tectonic in origin. Lower contact @ 040° to C/A.	26005	2.0	180	.4	122		
		14.1 - 16.1							
15.1	46.0	ARKOSE							
		Mostly coarse grained, massive with variably developed altered/silicified							
		sections as noted:							
		broken mm scale calcite veinlets, chlorite (pyrite) hairline stockwork							
		poorly developed except as noted: barren quartz-calcite veining between							
		37.5 - 51.2 - all mm-few cm @ 45-60° to C/A.							



Scale  
Colour Plot  
& Dips

# Drill Hole Record



Property	District	Hole No.	S-86-9A
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
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Footage From To	Description	Sample No.	Length	Analysis			
				Au	Ag	Cu g/t	
	15.7 - 19.2 - broken, weakly oxidized along fractures pitted - weathered out calcite?	16.1 - 18.1	26006	2.0	40	<.4	114
		18.1 - 20.1	26607	2.0	120	<.4	47
	20.9 - 21.4 very silicified, imparts "intrusive-like" texture pyrite well developed 5-10% mostly in thin stringers @ 10° and 45-60° to C/A.	20.1 - 22.1	26008	2.0	120	.5	154
		22.1 - 24.1	26009	2.0	30	<.4	48
	25.0 - 25.3 - silicified-pyritic as above (20.9 - 21.4).	24.1 - 26.1	26010	2.0	330	.8	122
	26.8 - 46.0 SILICIFIED ZONE	26.1 - 28.1	26011	2.0	40	<.4	43
	Very hard, silicified zone, variations noted most likely due to rock type changes.	28.1 - 30.1	26012	2.0	80	<.4	93
		30.1 - 32.1	26013	2.0	50	<.4	36
	26.8 - 34.5 - coarse grained arkose, hairline stockwork of chlorite-pyrite well developed; barren quartz-calcite veins well developed with predominant attitudes 10-30° to C/A. Vague pale pink- grey sections due to k-spar or ankerite(?) pyrite disseminations minor - 1% occasional thin pyritic stringer.	32.1 - 34.1	26014	2.0	40	1	106
		34.1 - 36.1	26015	2.0	110	.5	77
	34.4 - 7 cm quartz-calcite-chlorite band @ 80° to C/A.						
	34.5 - 36.6 - fine to medium grained, massive now mostly featureless - still hard to the knife.	36.1 - 38.1	26016	2.0	100	1.3	149

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis				Au			
				Au	Ag	Cu	g/t				
	34.5 - 15 cm with narrow quartz-calcite bands @ 50° also mm thick pyritic bands with specs sph-cpy.	38.1 - 40.1	26017	2.0	70	.4	124				
	36.3 - 36.6 - quartz-carbonate (ankerite?) - pyrite zone hairline pyritic stockwork for 1st 10 cm.	40.1 - 42.1	26018	2.0	110	.4	63				
	36.6 - 42.1 - very hard, coarse grained medium to dark grey section - distinctive white feldspar fragments porphyroblasts throughout most 1-3 mm and vary from squarish-rectangular- broken/rounded. Pyrite variable few % to 15% locally best pyrite	42.1 - 44.1	26019	2.0	120	.4	65				
	36.6 - 37.5 - 5-10%										
	38.8 - 39.4 - 15% + heavily chloritized.										
	42.1 - 46.0 - coarse grained arkose-like (26.8 = 34.5) pyrite 2-3% now.	44.1 - 46.0	26020	1.9	350	.4	72				
46.0 - 52.9	<u>MINERALIZED ZONE</u>										
	Pyrite, quartz-calcite-chlorite bands in silicified arkose as noted.	46.0 - 47.0	26021	1.0	200	26.5	533/25.955				
	46.25 - 46.6 - 35 cm band quartz-calcite-chlorite @ 50° pyrite very abundant 30-40% also specs sphalerite, graphite (?).										

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9A	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
Commenced	Location	Tests at	Hor. Comp.						S-86-9A	4	
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis				Au			
	47.7 - 48.0 - pink-k-spar/ankeritic flooding also 5 cm band quartz-calcite-chlorite with pyrite few specs graphite. Band @ 55° to C/A.	26022	2.0	Au	Ag	Cu	g/t	840	1.9	149	0.960
	48.4 - 5 cm massive pyrite band @ 50° to C/A.	26023	2.0	100	<.4	64	0.103				
	51.2 - 52.2 - several pyrite bands from mm-cm wide all at 60-70° to C/A also traces - minor chalcopyrite, sphalerite.	26024	1.9	5110	9.3	239	5.726				
	51.7 - cm wide pyrite and abundant arsenopyrite.										
52.9 - 68.0	ARKOSE Medium grey coarse grained massive arkose similar to (26.8 - 34.1) some silicified zones as noted - not as frequent or as well developed as above.										
	Broken mm calcite veinlets moderate-well developed - dominant attitudes 20-40° to C/A hairline chlorite (pyrite) stockwork.	26025	2.0	80	.6	121					
		26026	2.0	100	1.1	108					
	58.3 - 60.3 - highly silicified section, light grey to pink grey k-spar/ ankerite zones as well. Pyrite variable never more than 5% avg. 2-3%.	26027	2.0	40	<.4	49					

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							S-86-9A	5
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis		Au					
From To				Au	Ag	Cu	g/t				
	61.6 - 62.4 - silicified zone with 1st 15 cm quartz vein with thick chlorite selvages @ 80° to C/A. Also 10 cm fine grained pink zone with mm dots of chlorite, specs of pyrite throughout.	60.9 - 62.9 26029	2.0	160	<.4	58					
		62.9 - 64.9 26030	2.0	330	1.9	102					
	64.8 - 65.8 - grey-pink silicified/k-spar-ankeritic zone.	64.9 - 66.5 26031	1.6	520	<.4	57	0.5	14			
	66.5 - 5 cm quartz-calcite-chlorite-pyrite band @ 60° to C/A traces of gouge on the contacts.										
	67.7 - 3 cm quartz (calcite) vein with large light green chlorite/ fuchsite clots vein @ 50° to C/A.	66.5 - 68.0 26032		420	.5	68					
68.0 - 70.2	<b>CHLORITE/BIOTITE RICH ZONE</b>										
	Brown, biotite-chlorite rich fine grained arkose and/or siltstone weak foliation @ 70-80° very similar to (5.7 - 6.9) in S-86-8.	68.0 - 70.2 26033	2.2	160	.6	76					
	68.0 - 68.4 - mixed quartz-calcite-chlorite and sheared-bleached sericitic(?) zone @ 70° to C/A pyrite common 5-10% also specs cpy-sph-galena.										
	70.0 - 70.2 - mixed bleached-sericitic and quartz calcite veins - lower contact broken, with minor gouge.										

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property		District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-9A	Sheet 6
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage From	To	Description	Sample No.	Length	Analysis			Au g/t				
70.2	96.8	<u>ARKOSE</u> Medium grey, fine grained arkose thin siltstone and occasional medium grained arkosic bands @ 20° to C/A - range 10-30°. mm scale broken calcite veinlets common 045-60° mm-cm barren quartz (calcite) veins cut the broken calcite veinlets, most @ 70° to C/A. Hairline chlorite (pyrite) stockwork weakly developed throughout. Pyrite minor to 3% locally higher as noted. 73.7 - 76.1 - variable weak to moderate silicification. 78.7 - 80.3 - pyrite poor.										
				70.2 - 72.2	26034	2.0	80	.8	118			
				72.2 - 74.2	26035	2.0	40	<.4	98			
		84.2 - 84.7 - few narrow heavily disseminated pyrite zones - overall 5-10%.		74.2 - 76.2	26036	2.0	320	<.4	94			
				76.2 - 78.2	26037	2.0	70	<.4	139			
		85.1 - 85.5 - quartz (calcite) bright green chlorite/fuchsite vein @ 50-70° to C/A 5-10% pyrite in 1st 10 cm rest only		78.2 - 80.2	26038	2.0	120	.9	218			
		trace-minor pyrite.		80.2 - 82.2	26039	2.0	110	.5	152			
				82.2 - 84.2	26040	2.0	20	<.4	81			
		85.5 - 89.9 silicified zone - hairline chlorite-pyrite stockwork well developed now in places becoming mm wide pyrite stockwork pyrite 5% overall, up to 10% over cm-dm wide sections.		84.2 - 86.2	26041	2.0	1060	1.4	197	1.2	34	
				86.2 - 88.2	26042	2.0	180	1	255			
				88.2 - 90.2	26043	2.0	470	.9	251			
				90.2 - 92.2	26044	2.0	240	.7	197			
		Zone ends with 5 cm massive-coarse grained quartz-calcite chlorite pyrite band.		92.2 - 93.6	26045	1.4	270	.4	186			
				93.6 - 94.6	26046	1.0	3160	2.1	107	2.9	14	

Scale  
Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							S-86-9A	7
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au				
From	To			Au	Ag	Cu	g/t				
	93.6 - 94.5 - narrow quartz-calcite-chlorite + few mm wide pyrite bands throughout @ 70° best 94.2 - 94.5 - 30 cm quartz-calc-chl band with 5 cm chlorite selvedge - pyrite, specs graphite present.										
	94.5 - 96.8 - fine grained light grey - silicified section chloritic-pyrite stockwork well developed mm wide pyritic stringers and a few cm+ heavily disseminated zones pyrite 5-8%.	26047	2.0	130	.4	217					
96.8 - 135.6	<p><u>ARKOSE</u></p> <p>Medium grey, predominantly coarse grained, massive arkose. dm-metre sections of breccia size arkose, and thin bedded/laminated fine grained arkose/siltstone as noted.</p> <p>Bedding attitudes variable 10-30° to 50-60° to C/A. The often indistinct relationships between the rock types and attitude changes most likely due to small scale (dm-m?) fault-shear displacements within an interbedded sequence.</p> <p>Weak broken calcite veinlets, and weak hairline chlorite stockwork throughout.</p> <p>Minor pyrite locally to 5% in coarse grained silicified(?) sections.</p>										

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property		District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-9A	Sheet 8
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage	Description	Sample No.	Length	Analysis			Au					
From	To			Au	Ag	Cu	g/t					
	96.8 - 110.1 - coarse to breccia size units predominate.											
	110.1 - 115.8 - fine grained/laminated siltstone	96.6 - 98.6	26048	2.0	30	.4	221					
	115.8 - 121.3 - coarse grained, massive now.											
	121.3 - 124.5 - coarse grained to breccia size - up to 5 mm fragments - could be in part tectonic in origin.											
	124.5 - 135.6 - alternating medium grained to breccia size bands on dm- metre scale.	98.6 - 100.6	26049	2.0	30	.4	268					
		100.6 - 102.6	26050	2.0	720	.6	80 0.789					
		102.6 - 104.6	26051	2.0	30	.4	30					
	117.6 - 119.8 - MINERALIZED ZONE											
	117.8 - 118.4 - quartz-calcite-chlorite,pyrite common with occasional cm + massive bands.	104.6 - 106.6	26052	2.0	20	.4	89					
		106.6 - 108.6	26053	2.0	<10	.4	106					
	119.3 - 119.8 - massive to near massive pyrite @ 70°	108.6 - 110.6	26054	2.0	160	.6	305					
	also irregular band @ 50° thinning out to 30°.	110.6 - 112.6	26055	2.0	240	.7	243					
		112.6 - 114.6	26056	2.0	510	.8	98 0.48					
	121.3 - 124.5 - silicified - breccia size fragments chlorite-pyrite stockwork with mm + pyrite stringers pyrite 5-10%.	114.6 - 116.6	26057	2.0	300	.4	55					
		116.6 - 117.6	26058	1.0	300	.7	51					
		117.6 - 119.8	26059	2.2 <sub>F2</sub>	800	11.6	461 28.869					
		119.8 - 121.8	26060	2.0	630	1.2	99 0.549					
		121.8 - 123.8	26061	2.0	80	<.4	75					

Scale  
Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-9A		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.							S-86-9A	9
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au				
From	To			Au	Ag	Cu	g/t				
	124.4 - 125.2 - several 1-2 cm quartz-carbonate (ankerite) veins @ 60° to C/A.	123.8 - 125.8	26062	2.0	420	.7	87				
	Bright green fuchsite(?) specs throughout last 8 cm has abundant sph-galena-cpy-pyrite.	125.8 - 127.8	26063	2.0	50	.4	81				
	126.6 - 127.4 - fragments of chlorite-quartz-calcite band @ 70° to C/A appears to be cut off along 0-10° fractures.	127.8 - 129.8	27353	2.0	140	.4	61				
	132.0 - 132.8 - start with 8 cm massive chlorite-quartz-pyrite quartz-pyrite in small scale fold. Few other 1-5 cm quartz-calcite-chlorite bands @ 60-70° to C/A.	129.8 - 131.8	26064	2.0	390	.4	86				
		131.8 - 133.8	26065	2.0	170	.4	193				
		133.8 - 135.8	26066	2.0	80	.4	70				
135.6 - 145.7	ALTERED ARKOSE	135.8 - 137.8	26067	2.0	50	.4	63				
	Silicified-sericitic arkose, variable 1-10 cm pink-grey/kspar-ankerite and pale green/bleached-sericitic zones @ 60-70° to C/A. "Barren" quartz-calcite with few chlorite and/or sphalerite clots. Veins common @ 45° to C/A they appear to cut all other alteration phases. Section pyrite poor.	137.8 - 139.8	26068	2.0	60	.5	69				
		139.8 - 141.8	26069	2.0	30	.4	62				
		141.8 - 143.8	26070	2.0	190	.4	67				
		143.8 - 145.7	26071	1.9	20	.4	56				
145.7	END OF HOLE.										



Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Liard M.D.	Hole No.	S-86-10
Commenced	September 2, 1986	Location		Tests at	160 m
Completed	September 4, 1986	Core Size	BQ	Hor. Comp.	110.7 m
Co-ordinates	11,377.00N; 8,626.79 E			Vert. Comp.	116.6 m
Objective				True Brg.	030°
				Logged by	R.F. Nichols
				% Recov.	97%
				Date	Sept. 3-5/86

Claim	SNIP 1
T Brg.	030°
Collar Dip	-45°
Elev.	624.4 m
Length	160.9 m
Hole No.	S-86-10
Sheet	1

Footage From	M To	Description	Sample No.	Length	Analysis			Au g/t
					Al	Ag	Cu	
0	10.4	OVERBURDEN - Casing						
10.4	28.3	ARKOSE						
		Medium grey, medium to coarse grained arkose mostly massive.	10.4 - 12.4	26072	2.0	50	.8	104
		10.4 - 16.1 - recovery 50% or less.	12.4 - 14.4	26073	2.0	60	.5	118
		10.4 - 13.0 - medium grained, some fine grained/siltstone bands at 40° to C/A.	14.4 - 16.4	26074	2.0	20	<.4	44
		13.0 - 16.5 - broken, silicified-pyritic section few tan-rusty red oxidized zones for cm-dm pyrite 5% locally to 10%.	16.4 - 18.4	26075	2.0	130	<.4	42
			18.4 - 20.4	26076	2.0	30	.4	45
		17.5 - 21.5 - silicified-altered - several cm-dm wide pale green bleached-sericitic zones.	20.4 - 22.4	26077	2.0	50	.4	47
		23.8 - 28.3 - silicified-pyritic like (13.0-16.5)	22.4 - 24.4	26078	2.0	490	1.1	145
28.3	121.0	ARKOSE						
		Fine to medium grained arkosic unit, mm-cm scale siltstone bands common throughout predominately @ 20° to C/A - range 10-40° both mm scale broken calcite veinlets, and chloritic hairline stockwork poorly developed - generally is a weakly mineralized featureless unit - except as noted.	24.4 - 26.4	26079	2.0	410	2.2	253
			26.4 - 28.4	26080	2.0	80	2.1	82

Scale  
Colour Plot  
& Dips

# Drill Hole Record



Property	District	Hole No.	S-86-10
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-10	Sheet 2
-------	--------	------------	-------	--------	---------------------	------------

Footage From	To	Description	Sample No.	Length	Analysis			
					Au	Ag	Cu	g/t
	29.3 - 31.4	less than 10% recovery - rods "sunk" through this section - no sand/gouge recovered.	26081	2.0	90	1.5	68	
			26082	2.0	100	2.3	100	
	32.6 -	fragments of 10 cm quartz-calcite-chlorite band @ 70-80° to C/A minor pyrite.	26083	2.0	60	.6	146	
			26084	2.0	310	.4	268	
	35.9 -	2 cm quartz-calcite-chlorite band @ 50° to C/A trace pyrite.	26085	2.0	190	.6	338	
			26086	2.0	70	.7	176	
	36.0 -	5 cm heavily dissem. pyrite band @ 45° to C/A pyrite 30%.	26087	2.0	90	.7	237	
			26088	2.0	470	1.1	360	
	36.3 -	5 cm pyritic band @ 45° to C/A 5-10% pyrite.	26089	2.0	180	.9	382	
	43.2 -	8 cm quartz-calcite-chlorite band @ 70° to C/A.	26090	2.0	130	.4	114	
	49.4 -49.6 -	3 - 2 to 3 cm wide pyritic bands @ 50° to C/A bands 10-15% pyrite with calcite (quartz) matrix.	26091	2.0	110	<.4	208	
			26092	2.0	80	<.4	126	
	64.45 - 64.7 -	25 cm zone of heavily disseminated pyrite also few mm-cm patches mass pyrite overall 20%.	26093	2.0	40	.5	98	
			26094	2.0	140	.6	244	
	64.9 - 66.4 -	20% recovery "pebbles" of m gd arkose no evidence of sand/gouge recovered.	26095	2.0	200	.6	127	
			26096	2.0	210	.6	215	
			26097	2.0	110	.8	167	
			26098	2.3	220	.5	191	
			26099	2.0	160	<.4	91	

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-10		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au				
From	To			Au	Ag	Cu	g/t				
	67.5 - pyrite rich patch for few cm.	66.7 - 68.7	26100	2.0	50	.6	114				
		68.7 - 70.7	26101	2.0	260	11	180				
	68.5 - 71.0 - bleached/alterd - weakly oxidized zone upper contact	70.7 - 72.7	26102	2.0	230	1	272				
	1 cm massive sphalerite band @ 50° to C/A and 1-2 cm	72.7 - 74.7	26103	2.0	130	1.3	218				
	massive chlorite.	74.7 - 76.7	26104	2.0	220	1.3	190				
	72.1 - 72.9 - 10 and 20 cm wide silicified-pyritic zones 10% pyrite	76.7 - 78.7	26105	2.0	160	.4	124				
	in the zones.	78.7 - 80.7	26106	2.0	<10	<.4	41				
	74.3 - 74.8 - cm-dm wide weak silicified-pyritic zones.	80.7 - 82.7	26107	2.0	220	.9	249				
	80.9 - 82.0 - erratic silicified-pyritic zone controlled by low angle	82.7 - 84.7	26108	2.0	70	.7	130				
	fractures(?) pyrite 10% range 5-15%.	84.7 - 86.7	26109	2.0	1080	1.4	207	1.234			
	84.9 - 85.3 - silicified-pyritic zone as above (80.9 - 82.) also few late	86.7 - 88.7	26110	2.0	40	<.4	.62				
	barren quartz (chlorite) veins cut the silicified zone @	88.7 - 90.7	26111	2.0	260	.6	135				
	45° to C/A. few specs cpy in the veins.	90.7 - 92.7	26112	2.0	70	<.4	191				
	98.0 - 98.9 - silicified-pyritic zone pyrite 10%.	92.7 - 94.7	26113	2.0	30	<.4	102				
	106.5 - 106.7 - quartz-calcite-chlorite-pyrite band @ 60° to C/A.	94.7 - 96.7	26114	2.0	40	.5	104				
		96.7 - 98.7	26115	2.0	270	1.6	226				
		98.7 - 100.7	26116	2.0	210	.6	109				
		100.7 - 102.7	26117	2.0	60	.6	77				
		102.7 - 104.7	26118	2.0	40	<.4	58				
		104.7 - 106.7	26119	2.0	3280	2.7	159	3.086			

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property		District	Hole No.	S-86-10		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-10 4	Sheet
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage From	To	Description	Sample No.	Length	Analysis			Au				
					Au	Ag	Cu	g/t				
		108.3 - 108.6 - quartz-calcite chlorite-red brown biotite	106.7 - 108.7	26120	2.0	430	1	147				
		116.5 - 116.6 - quartz-calcite-chlorite/biotite @ 70° to C/A.	108.7 - 110.7	26121	2.0	70	.9	98				
		118.0 - 118.5 - <u>FELSITE DYKE</u>	110.7 - 112.7	26122	2.0	130	2.2	269				
		Light grey siliceous, aphanitic dyke. Upper contact	112.7 - 114.7	26123	2.0	120	2.4	116				
		@ 80°, lower contact vague. Tiny, mm or less feldspar	114.7 - 116.7	26124	2.0	130	1.8	114				
		phenocrysts, also occasional quartz-eyes. Minor	116.7 - 118.7	26125	2.0	320	.8	123				
		disseminated pyrite 1-2%. Similar to S-86-1 (58.7 - 62.2)	118.7 - 121.0	26126	2.3	120	.7	74				
121.0	136.5	<u>MINERALIZED ZONE</u>										
		Upper part alternating sections of weakly foliated brown, massive biotite-chlorite and poorly mineralized fine grained arkose contacts, foliation @ 70-80° to C/A. Foliated sections similar to S-86-8 (5.7 - 6.9).										
		121.0 - 121.3 - black-green dense chlorite section occasional thin quartz veinlet, minor pyrite.	121.0 - 121.3	26127	0.3	440	2.7	192				
		121.3 - 122.8 - fine grained arkose - few broken calcite veinlets - otherwise featureless.	121.3 - 122.8	26128	2.0	170	.8	42				
		122.8 - 124.3 - brown/black-green biotite/chlorite zone weak foliation @ 80° to C/A. mm + "specs" of calcite disseminated throughout - also tiny tan specs - sericitic? trace-minor pyrite.	122.8 - 124.3	26129	1.5	20	.4	41				

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property		District	Hole No.	S-86-10		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-10	Sheet 5
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.		Logged by								
Objective		% Recov.		Date								
Footage From	To	Description	Sample No.	Length	Analysis			Au				
					Au	Ag	Cu	g/t				
		124.3 - 126.1 - mixed chloritic - bleached silicified quartz-calcite-chlorite zones attitudes @ 70° to C/A. includes	124.3 - 126.1	26130	1.8	600	1.1	46	0.343			
		124.7 - 124.8 - quartz-calcite-chlorite-										
		125.2 - 125.25 coarse grained pyrite bands.										
		126.1 - 129.8 - mostly unaltered fine grained arkose as above.	126.1 - 128.1	26131	2.0	100	1.2	116				
		Few mm 01 less pyritic stringers - also narrow	128.1 - 129.8	26132	1.7	70	.9	96				
		"barren" quartz-calcite veins @ 50° (45-60°).										
		129.8 - 132.0 - well mineralized section.										
		129.8 - 129.9 - quartz-calcite-chlorite @ 70°	129.8 - 132.0	26133	2.2	750	2.9	264	0.823			
		irregular bands/patches of pyrite up to cm wide..										
		130.4 - 8 cm quartz-calcite-chlorite @ 70°.										
		130.4 - 132.0 - altered zone, coarse grained pyrite patches,										
		irregular bands throughout, intermixed with quartz-										
		calcite chlorite bands.										
		132.0 - 133.5 - 70% recovery.										

Scale  
Colour Plot  
& Dips

# Drill Hole Record



Property	District	Hole No.	S-86-10
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-10	Sheet 6

Footage From	To	Description	Sample No.	Length	Analysis			
					Au	Ag	Cu	Au g/t
	132.0 - 132.15	massive pyrite @ 70-80°	26134	1.5	8030	10.8	645	10.286
	132.15 - 132.35	quartz-calcite-chlorite-pyrite at 80°						
	132.35 - 132.95	broken silicified section 5-10% pyrite.						
	132.95 - 133.05	massive pyrite @ 80°						
	133.05 - 133.50	broken silicified section.						
	133.5 - 136.5	10% recovery FAULT ZONE						
		Few ground/rounded silicified-pyritic pieces all that remains.	26135	3.0	1250	3	112	0.891
136.5 - 144.1		<u>ARKOSE</u>	26136	2.0	2010	4.2	138	3.703
		Medium grey, fine to medium grained massive arkose - few narrow silicified-pyritic zones.	26137	2.0	673	.8	239	0.617
		136.5 - 139.5 - 50% recovery.	26138	2.0	200	1.2	228	
			26139	2.0	110	1.1	135	
144.1 - 160.9		<u>ALTERED ARKOSE</u>						
		Altered-silicified coarse grained-breccia size arkose. Unit mostly breccia size fragments now (1-5 mm) chlorite rich hairline stockwork forms matrix to fragments - strong development almost like a crackle breccia.	26140	2.0	410	.6	37	
			26141	2.0	390	.8	65	
			26142	2.0	190	.6	87	
			26147	2.0	50	.7	58	
		Unit hard - weakly silicified, some metre + bands unaffected. Also medium grained arkose as above at: 145.6 - 147.3						

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-10
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis				Au	Length	Hole No.	Sheet
				Au	Ag	Cu	g/t				
	Mostly pyrite poor - few narrow disseminated pyritic zones with 5-10% pyrite (ie) 148.7 - 149.0										
				152.5 - 154.5	26148	2.0	60	<.4	27		
	157.9 - 158.0 - quartz-calcite-chlorite zone @ 20° to C/A few mm size discontinuous red brown sphalerite bands.			154.5 - 156.5	26149	2.0	100	.9	77		
				156.5 - 158.5	26150	2.0	370	.6	187		
	160.4 - 160.9 - thin low angle, crinkled quartz vein follows core @ 0-20° to C/A. 0.5 cm wide zone with abundant galena + chalcopyrite-sphalerite @ 10° to C/A.			158.5 - 160.9	26151	2.4	600	5.8	197	0.446	
160.94	END OF HOLE										

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-11
Commenced	September 4, 1986	Location		Tests at	150.0 m
Completed	September 5, 1986	Core Size	BQ	Corr. Dip	-50°
Co-ordinates	11,336.03 N; 8,782.73 E			True Brg.	000°
Objective				% Recov.	98%
				Hor. Comp.	101.9 m
				Vert. Comp.	111.2 m
				Logged by	R.F.Nichols
				Date	September 5-6, 1986

Claim	SNIP 1
T Brg.	000°
Collar Dip	-45°
Elev.	745.1 m
Length	150.9 m
Hole No.	S-86-11
Sheet	1

From Metres	To	Description	Sample No.	Length	Analysis			
					Au	Ag	Cu	Au g/t
0	5.2	OVERBURDEN - Casing						
5.2	64.7	ARKOSE						
		Medium grey medium to coarse grained arkosic unit also few breccia size	26152	2.0	400	<.4	341	
		(1-5 mm) sections mostly massive except for a few thin siltstone bands	26153	2.0	100	<.4	128	
		@ 10-20° to C/A. Medium grained arkose dominant from 47.0 - 64.7.	26154	2.0	90	.6	233	
		Broken mm scale calcite veinlets erratic, mostly poorly developed. Only	26155	2.0	70	<.4	139	
		traces of chlorite hairline stockwork to 36.0 m then moderate development	26156	2.0	60	<.4	107	
		for rest of section. Occasional mm-cm barren quartz-calcite veins 1 every	26157	2.0	50	<.4	94	
		1 to 2 m. Most @ 50° to C/A + 10° pyrite minor to 1% overall, except as	26158	2.0	170	.7	290	
		noted.	26159	2.0	40	<.4	187	
		5.2 - 7.3 - 50% recovery.	26160	2.0	20	<.4	62	
		5.2 - 5.5 - core ground, pieces of near massive pyrite remain.	26161	2.0	40	<.4	35	
		7.1 - 7.3 - silicified-pyritic zone 10% pyrite.	26162	2.0	2110	<.4	51	1.714
		31.3 - 32.9 - weakly silicified zone.	26167	2.0	30	<.4	62	
		39.3 - 39.9 - silicified-pyritic 10%+	26168	2.0	20	<.4	49	
		41.8 - 42.1 - silicified-pyritic 10%	26169	2.0	40	<.4	61	
			26170	2.0	160	<.4	142	
			26171	2.0	<10	<.4	58	
			26172	2.0	40	<.4	103	
			26173	2.0	250	.9	477	
			26174	2.0	80	<.4	138	



Scale

Colour Plot  
& Dip

# Drill Hole Record



Property	District	Hole No.	S-86-11
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis				Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-11	Sheet 2
				Au	Ag	Cu	Au g/t							
	48.2 - 49.2 - silicified - very pyritic 10%+, near massive red-brown biotite/ chlorite in places.													
		43.2 - 45.2	26175	2.0	<10	<.4	32							
	50.6 - 51.2 - as above 48.2-49.2	45.2 - 47.2	26176	2.0	50	<.4	32							
	49.8 - 63.3 - barren quartz-calcite veins @ 70° now average 1 to 2/ metre.	47.2 - 49.2	26177	2.0	200	<.4	317							
		49.2 - 51.2	26178	2.0	50	<.4	160							
	64.3 - 68.2 - low angle (10-30° to C/A) often displaced cm scale, pyrite-chlorite rich zone. Pyrite to 15% locally range	51.2 - 53.2	26179	2.0	<10	<.4	42							
		53.2 - 55.2	26180	2.0	20	<.4	19							
	5-20%.	55.2 - 57.2	26181	2.0	30	<.4	33							
	67.7 - 2 cm pyrite-chlorite band @ 70° to C/A.	57.2 - 59.2	26182	2.0	20	<.4	35							
		59.2 - 61.2	26183	2.0	30	<.4	42							
64.7 - 98.8	ARKOSE/SILTSTONE	61.2 - 63.2	26184	2.0	90	.5	129							
	Medium grey fine to medium grained arkose interbedded with light grey	63.2 - 65.2	26185	2.0	2820	1.1	225	2.949						
	brown siltstone bedding dominately @ 10-20° to C/A mm to cm scale	65.2 - 67.2	26186	2.0	190	.4	118							
	displacements common along chloritic fractures, mm broken calcite	67.2 - 69.2	26187	2.0	180	1	339							
	veinlets weak throughout, some fill the fractures that displace the siltstone bands; hairline chlorite-pyrite stockwork well developed in medium grained sections, slightly weaker in finer grained/siltstone sections.													

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-11		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.								
Completed	Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From To	Description	Sample No.	Length	Analysis			Au				
				Au	Ag	Cu	g/t				
	from 86.2 siltstone contacts wavy, sometimes pulled apart, wispy imparts,	69.2 - 71.2	26188	2.0	60	<.4	141				
	chaotic, disrupted appearance to the core.	71.2 - 73.2	26189	2.0	90	.6	179				
	72.9-73.2 - silicified, very pyritic 10-15%.	73.2 - 75.2	26190	2.0	90	<.4	116				
	76.8 - 2 cm quartz-calcite band minor pyrite, sphalerite gouge	75.2 - 77.2	26191	2.0	210	1.1	138				
	contacts @ 25° to C/A.	77.2 - 79.2	26192	2.0	130	5.2	145				
	78.7 - 79.9 - broken zone 75% recovery.	79.2 - 81.2	26193	2.0	100	<.4	70				
		81.2 - 83.2	26194	2.0	90	.5	130				
98.8 - 99.7	MASSIVE BIOTITE (CHLORITE)	83.2 - 85.2	26195	2.0	30	.6	130				
	Brown (green) massive biotite/chlorite section. Weak foliation, contacts	85.2 - 87.2	26196	2.0	40	.4	61				
	@ 60° to C/A. Similar to S-86-8 (5.2-6.9).	87.2 - 89.2	26197	2.0	40	<.4	68				
		89.2 - 91.2	26198	2.0	<10	<.4	77				
99.7 - 139.6	ARKOSE	91.2 - 93.2	26199	2.0	40	.4	40				
	Mostly medium grey, medium grained massive arkosic unit, few thin siltstone	93.2 - 95.2	26200	2.0	60	<.4	106				
	bands @ 0-20° to C/A broken mm-calcite veinlets poor throughout, hairline	95.2 - 97.2	26201	2.0	90	<.4	100				
	chlorite (pyrite) stockwork variable weak to moderate.	97.2 - 98.8	26202	1.6	50	.7	105				
		98.8 - 99.7	26203	0.9	<10	.5	49				

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	District	Hole No.	S-86-11
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis			Au g/t
					Au	Ag	Cu	
		109.1 - 113.7 - bleached "felsite" zone - mostly pale grey-green,	99.7 - 101.7	26204	2.0	40	<.4	58
		massive sericitic now generally pyrite poor.	101.7 - 103.7	26205	2.0	<10	<.4	72
		113.0-113.5 - coarse grained quartz-calcite vein,	103.7 - 105.7	26206	2.0	30	.5	76
		lower contact @ 70° to C/A.	105.7 - 107.7	26207	2.0	60	.7	82
		115.2 - 115.4 - quartz-calcite rich bleached zone @ 30° to C/A minor	107.7 - 109.7	26208	2.0	40	.9	75
		pyrite, but several limonitic bands to few mm thick	109.7 - 111.7	26209	2.0	200	.7	36
		@ 30°.	111.7 - 113.7	26210	2.0	<10	.6	104
		117.8 - 128.3 - thin tan siltstone bands more common now at 070°	113.7 - 115.7	26211	2.0	80	<.4	57
		to C/A.	115.7 - 117.7	26212	2.0	<10	.6	36
		129.8 - 130.1 - quartz-calcite-chlorite-pyrite band @ 70° to C/A	117.7 - 119.7	26213	2.0	60	<.4	58
		few mm thick pyrite bands.	119.7 - 121.7	26214	2.0	<10	<.4	98
			121.7 - 123.7	26215	2.0	130	<.4	68
139.6 - 142.9		<u>MINERALIZED ZONE</u>	123.7 - 125.7	26216	2.0	40	<.4	54
		Recovery 50-60% overall.	125.7 - 127.7	26217	2.0	40	.4	54
		139.6 - 140.4 - (75% recovery) 30 cm ground core - massive coarse	127.7 - 129.7	26218	2.0	30	.8	110
		grained pyrite and 60 cm typical quartz-calcite-	129.7 - 130.2	26219	0.5	160	1	72
		chlorite band with abundant pyrite in mm-cm bands	130.2 - 132.2	26220	2.0	180	.9	266
		overall 10-15%. All @ 60-70° to C/A.	132.2 - 134.2	26221	2.0	80	<.4	230
			134.2 - 136.2	26222	2.0	210	.8	132
			136.2 - 138.2	26223	2.0	110	1.3	321
			138.2 - 139.6	26224	1.4	140	2.3	265
			139.6 - 140.4	26225	0.8	4780	8.1	612
								5.040

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-11	Sheet 4
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Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-11	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at	Hor. Comp.						S-86-11	5
Completed	Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.	Logged by							
Objective		% Recov.	Date							
Footage	Description	Sample No.	Length	Analysis						
From	To			Au	Ag	Cu	g/t			
	140.4 - 141.2 (75% recovery?) 60 cm weakly foliated massive biotite chlorite unit like S-86-8 (5.2 to 6.9).	140.4 - 141.2	26226	0.8	1070	1.6	120	0.926		
	141.2 - 141.7 (50% recovery?) quartz-calcite-chlorite-pyrite @ 60-70° to core axis - pyrite to 15%. - Some ground core here.	141.2 - 141.7	26227	0.5E	8000	43.3	2140	63.978		
	141.7 - 142.9 (30% recovery?) very chloritic; - black green section, pyrite disseminated throughout variable to 10%. Some ground core, minor gouge.	141.7 - 142.7	26228	1.0E	12800	6.6	1420	12.412		
142.9 - 140.9	<u>ALTERED ARKOSE</u> Coarse grained arkose with cm-dm breccia size arkosic intervals. Unit light grey bleached, sericitic, weakly silicified, chlorite-pyrite hairline stockwork moderate-well developed - pyrite overall 103%.	142.7 - 144.9	26229	2.2	1510	.7	190	1.371		
		144.9 - 146.9	26230	2.0	470	.8	44	0.466		
		146.9 - 148.9	26231	3.0	140	2.4	35	0.187		
	143.3 - 1 cm massive pyrite band @ 60° to C/A.	148.9 - 150.9	26232	2.0	750	.8	109	0.789		
	143.4 - 3 cm massive pyrite band @ 50° to C/A.									
	150.3 - 150.9 - no recovery - bit burnt.									
150.9	END OF HOLE									

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	LIARD M.D.	Hole No.	S-86-12
Commenced	September 6, 1986	Location		Tests at	160.0 m
Completed	September 7, 1986	Core Size	BQ	Hor. Comp.	107.5 m
Co-ordinates	11,332.16 N; 8,765.48 E			Vert. Comp.	119.4 m
Objective				Logged by	R.F. Nichols
				% Recov.	97%
				Date	Sept. 7-8, 1986

Claim	SNIP 1	T Brg.	110°	Collar Dip	-45°	Elev.	740.1 m	Length	160.9 m	Hole No.	S-86-12	Sheet	1
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Footage From To	Description	Sample No.	Length	Analysis			
				Au	Ag	Cu	Au g/t
0 - 3.0	OVERBURDEN - Casing						
3.0 - 42.0	ARKOSE-SILTSTONE						
	Grain size and bedding variable as noted.						
	3.0 - 13.2 - coarse grained massive bedding at 60-70° to C/A.	26233	2.0	200	.9	133	
	13.2 - 18.3 - mostly medium grained - occas. coarse grained massive,	26234	2.0	210	.4	103	
	few thin siltstone bands @ 30° to C/A barren quartz-	26235	2.2	100	.4	152	
	calcite veins @ 60° to C/A common in this section.	26236	2.0	120	.4	108	
	18.3 - 22.2 - fine grained arkose to siltstone bedding well developed	26237	2.0	80	.5	96	
	at 30-50° to C/A, cm-dm scale minor fold at 21.6 m.	26238	2.0	60	.4	33	
	Chloritic fractures with mm-cm displacement common.	26239	2.0	30	.5	73	
	22.0 - 27.0 - fine grained laminated siltstone, laminae @ 40° to C/A	26240	2.0	100	.7	150	
	up to 23.5 then @ 60° to C/A. Some "laminae" tan, thin-	26241	2.0	60	.8	126	
	wispy possible shearing? Most cut by early broken	26242	2.0	220	2.2	153	
	quartz-calcite veinlets.	26243	2.0	340	2	283	
		26244	2.0	200	.6	230	
	27.0 - 42.0 - dark grey fine grained arkose-siltstone bedding - laminae	26245	2.0	90	.7	140	
	common @ 50-60° to C/A tan-ragged/wispy sheared(?) -	26246	2.0	300	.9	153	
	sericitic laminae common. Occasional mm thick barren	26247	2.0	200	.5	115	0.754
	quartz (calcite). Veinlet @ 60° otherwise unit is	26248	2.0	370	1.1	228	
	featureless.	26249	2.0	330	1.2	186	
		26250	2.0	2580	2	161	1.783
		26251	2.0	290	.8	160	

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-12		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet	
Commenced		Location	Tests at	Hor. Comp.							S-86-12	2	
Completed		Core Size	Corr. Dip	Vert. Comp.									
Co-ordinates			True Brg.	Logged by									
Objective			% Recov.	Date									
Footage	Description	Sample No.	Length	Analysis									
From To				Au	Ag	Cu	g/t						
42.0 - 54.3	<u>ARKOSE-GREYWACKE</u>												
	Predominantly medium grained unit - some coarse grained bands - appears more	43.2 - 45.2	26253	2.0	430	.9	329						
	biotitic now with distinctive up to 1/2 mm white feldspar(?) grains common.	45.2 - 47.2	26254	2.0	1880	1.1	159	2.400					
	Bedding 20-30° to C/A. Small scale cm + displacements cause local changes	47.2 - 49.2	26255	2.0	200	1	186						
	in attitude in 47.0. Epidote present throughout as cm size patches mostly	49.2 - 51.2	26256	2.0	90	1	159						
	along fractures. Pyrite overall 1-3% locally 10-15% (45.3 - 45.6).	51.2 - 53.2	26257	2.0	1870	.8	252	1.440					
		53.2 - 55.2	26258	2.0	1180	1.4	453	1.611					
54.3 - 64.1	<u>ALTERED ARKOSE/GREYWACKE</u>												
	Interbedded fine to coarse grained arkose/wacke fine grained sections light												
	grey-bleached coarser grained sections biotitic with altered feldspar grains -												
	overall light grey-brown. Hairline chlorite-pyrite stockwork moderate to well												
	developed with numerous coarse grained pyritic stringers most either @ 0-10°												
	or 30-50° to C/A.												
	55.0 - 55.2 - some core ground - otherwise heavy diss. pyrite 15%.	55.2 - 57.2	26259	2.0	320	1.1	366						
	57.2 - 57.9 - 1-2 cm wide coarse grained pyrite band @ 0-10° to C/A.	57.2 - 59.2	26260	2.0	530	2	748	0.480					
		59.2 - 61.2	26261	2.0	160	1.4	263						
	61.3 - 61.7 - 4 cm wide coarse grained pyrite band @ 0-10° to C/A.	61.2 - 62.9	26262	1.7	730	6.6	1270	0.686					
	61.9 - 63.6 - numerous quartz (calcite) veins @ 30-50° bright green chlorite/ fuchsite patches common.												
	62.5 - mm-2 cm wide c.q. pyrite band @ 30° to C/A.												
	62.9 - 64.1 - dense-silicified now.	62.9 - 64.1	26263	1.2	170	1.5	414						

Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-12		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.							S-86-12	3
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis				Au				
From	To			Au	Ag	Cu	g/t					
64.1-69.7	LAMPROPHYRE DYKE	64.1 - 66.9	26264	2.8	<10	<.4	.88					
	Upper contact obscured but hornblende rich banding @ 40° to C/A.	66.9 - 69.7	26265	2.8	<10	<.4	.62					
	66.4 - 66.8 - light green, altered arkose remnant @ 60° to C/A.											
	lower contact sharp @ 30° to C/A.											
69.7 - 82.5	ALTERED ARKOSE											
	Medium grey variably silicified fine-medium grained arkose - thin	69.7 - 70.1	26266	0.4	790	1.1	250	0.617				
	pyrite stringers/dissem. pyrite throughout.											
	70.1 - 70.4 - MASSIVE PYRITE	70.1 - 70.4	26267	0.3	4960	12.7	4770	5.829				
	lower contact irregular - avg. 50° to C/A.	70.4 - 72.4	26268	2.0	870	1.4	319	1.577				
	70.4 - 70.6 - few lower angle mm-cm pyrite bands - 10-30° to C/A.											
	72.5 - 10 cm quartz-calcite-chlorite band @ 30° to C/A.											
	74.9 - 0.5 - 1.0 cm pyrite + chalcopyrite band @ 20° to C/A.	72.4 - 74.4	26269	2.0	250	1.6	284	0.549				
	77.0 - 1.0 cm pyrite band @ 30° to C/A.	74.4 - 76.4	26270	2.0	120	.9	206	0.171				
		76.4 - 77.5	26271	1.1	330	1.1	307	0.274				
	77.5 - 81.0 MINERALIZED ZONE	77.5 - 78.0	26272	0.5 E1	9400	6.7	2970	21.326				
	77.5 - 77.7 - quartz-calcite-chlorite-pyrite band.											
	77.7 - 78.05- MASSIVE PYRITE upper contact @ 30° to C/A.											
	lower contact @ 70° to C/A.											

Scale  
Colour Plot  
& Dips

# Drill Hole Record



Property	SNIP	District	Hole No.	S-86-12		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at								S-86-12	4
Completed		Core Size	Corr. Dip									
Co-ordinates			True Brg.									
Objective			% Recov.									
Footage		Description	Sample No.	Length	Analysis		Au					
From	To				Au	Ag	Cu	g/t				
	78.0 - 79.0	quartz-calcite abundant chlorite-pyrite rich section, lower 20 cm more massive quartz attitudes. Variable 50- 30° to C/A.	26273	1.0	230	1.9	209	0.274				
	79.0 - 81.0	very silicified (intrusive like texture) in places. Disseminated pyrite 5-15%. Also a few 1-2 cm pyrite bands @ 10° to C/A.	26274	2.0	1800	0.15	1516	155.49				
	81.0 - 82.5	Between 80.5 - 80.8 3 cm wide pyrite band - cut off by hairline fracture.	26275	1.5	710	1.1	295	1.029				
	82.5 - 111.5	VARIABLY ALTERED ARKOSE Medium, coarse to breccia size to 5 mm) arkosic unit. Variable on metric scale from unaltered to bleached-silicified as noted hairline chlorite-pyrite stockwork appears better developed in bleached sections - only weakly developed in unaltered sections. mm broken calcite veinlets weak to absent.	26276	2.0	1030	.7	226	1.063				
	84.1 - 84.6	silicified, pyrite 10-15%.	26277	2.0	90	<.4	92	0.103				
	86.0 - 97.3	light grey bleached-silicified section. Variable with most intense alteration coincident with coarse grained/breccia size sections. Disseminated pyrite up to 5% also occasional thin stringers. Alteration most intense between 94.8 - 97.3.	26278	2.0	1950	1.6	157	2.743				
			26279	2.0	60	.7	126	0.103				
			26281	2.0	1940	1.2	254	1.234				
			26282	2.0	2830	2.6	131	3.669				
			26283	2.0	80	.8	59					



Scale

Colour Plot  
& Dips

## Drill Hole Record



Property	SNIP	District	Hole No.	S-86-12		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. S-86-12	Sheet 5
Commenced		Location	Tests at	Hor. Comp.								
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage From	To	Description	Sample No.	Length	Analysis			Au				
		97.3 - 111.5 - mostly weakly altered-silicified all coarse grained arkose	96.5 - 98.5	26284	2.0	90	4.4	48				
		now with few dm-metre wide breccia sections.	98.5 - 100.5	26285	2.0	190	5	87				
111.5	160.9	<b>INTERBEDDED ARKOSE-SILTSTONE</b>	100.5 - 102.5	26286	2.0	50	7	89				
		Metric scale alternating fine to coarse grained arkose and	102.5 - 104.5	26287	2.0	90	5	229				
		thin bedded siltstone, no one type dominates for more than 2-3 metres	104.5 - 106.5	26288	2.0	40	5	106				
		at a time. Attitudes consistent 45-50° to C/A.	106.5 - 108.5	26289	2.0	60	9	151				
		113.1 - 126.9 - bleached variably altered/silicified mostly fine to	108.5 - 110.5	26290	2.0	50	8	66				
		medium grained arkose with few siltstone bands.	110.5 - 112.5	26291	2.0	70	7	181				
		Chlorite-pyrite hairline stockwork moderate to very	112.5 - 114.5	26292	2.0	100	1	264				
		well developed - pyrite common in the stockwork and										
		also disseminated throughout - pyrite commonly to 10%										
		(5-15% range) coarse grained pyrite veins/bands as										
		noted.										
		113.1 - 113.3 - quartz-calcite band @ 45° to C/A. Abundant cm size										
		patches/streaks of bright green chlorite/fuchsite? -										
		few % pyrite.										
		114.4 - 3 cm pyrite band @ 80° to C/A.										
		114.9 - 115.4 coarse grained pyrite in bands @ 0-10° to C/A; 30° to	114.5 - 116.5	26293	2.0	370	3.4	636				
		C/A. Up to 25-70% pyrite.										
		117.0 - 117.4 - mostly massive-chlorite with 5-8% disseminated pyrite.	116.5 - 118.5	26294	2.0	100	1.9	185				

Scale

Colour Plot  
& Dip

## Drill Hole Record



Property	District	Hole No.	S-86-12
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Footage From To	Description	Sample No.	Length	Analysis			Au g/t
				Au	Ag	Cu	
	117.8 - 118.3 - up to 1 cm wide coarse grained pyrite band @ 070° to C/A.	118.5 - 121.0	26295	2.5	80	1.5	133
	118.5 - 126.9 - light grey bleached section with fine grained arkose - well developed chlorite-pyrite hairline stockwork pyrite overall 3-5%.	121.0 - 123.0	26296	2.0	270	.8	57
	121.1 - 122.8 - dark grey (black) chlorite abundant throughout, pyrite to 10%.	123.0 - 124.5	26297	1.5	110	1.4	207
	122.3 - 122.8 - mm or less chlorite-pyrite veinlets common @ 35° to C/A few later(?) quartz calcite (bright green chlorite-fuchsite) veins @ 60° to C/A.						
	124.5 - 125.7 - bleached - altered silicified very pyritic 10-15%, minor chalcopyrite.	124.5 - 125.7	26298	1.2	240	1.7	112
	125.7 - 126.5 - massive milky white quartz veins - vuggy - many filled with sphalerite chalcopyrite-pyrite, -often as crystals.	125.7 - 126.5	26299	0.8	690	14.3	3530 0.549
	126.5 - 137.1 - unaltered section of alternating coarse grained arkose-siltstone on 1-3 metre scale.	126.5 - 128.5	26300	2.0	80	.6	111
	Few cm size epidote clots- mostly in the finer grained sections.	128.5 - 130.5	26301	2.0	90	4.4	92
	1-3% pyrite disseminated throughout, also occasional mm + pyrite stringer.	130.5 - 132.5	26302		380	.9	95
		132.5 - 134.5	26303	2.0	100	.9	193



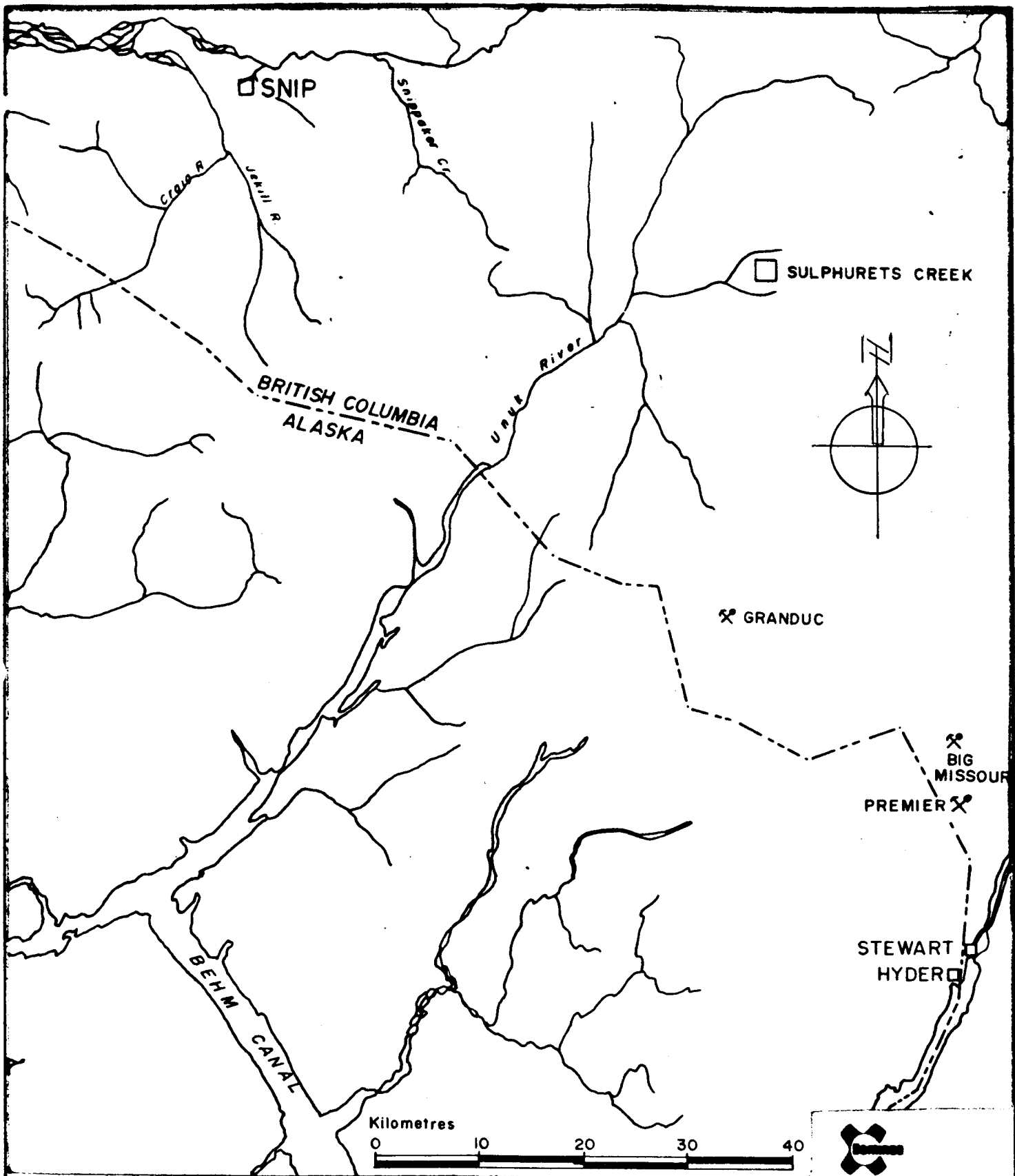
Scale

Colour Plot  
& Dips

## Drill Hole Record



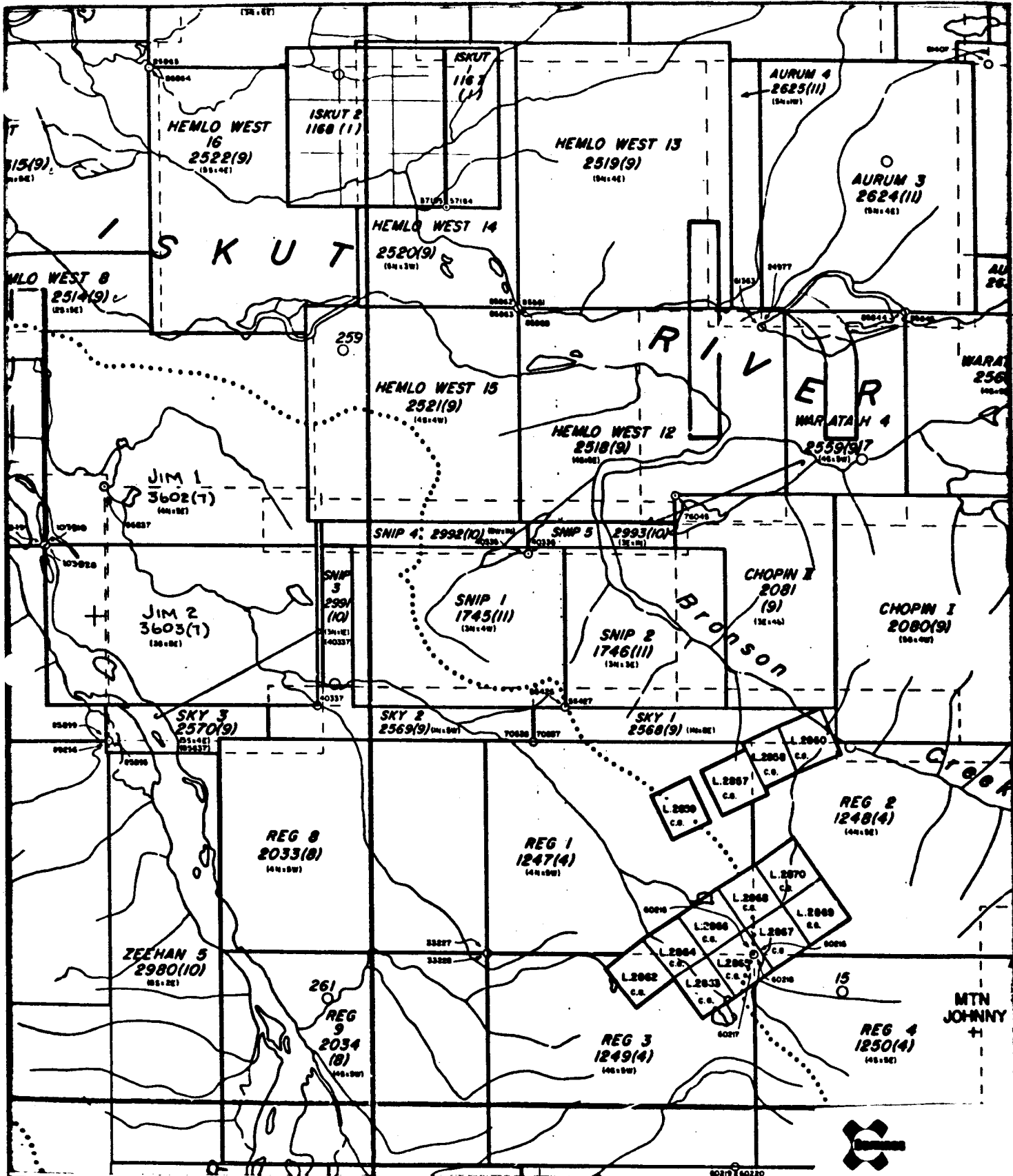
Property	SNIP	District	Hole No.	S-86-12		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at	Hor. Comp.							S-86-12	8
Completed		Core Size	Corr. Dip	Vert. Comp.								
Co-ordinates			True Brg.	Logged by								
Objective			% Recov.	Date								
Footage	Description	Sample No.	Length	Analysis			Au					
From	To			Au	Ag	Cu	g/t					
	148.6 - 148.9 - heavy disseminated pyrite 10-20%											
	150.1 - 150.4	148.6 - 150.4	26312	1.8	540	1.1	387	0.6	17			
	151.6 - 153.2 - bleached-silicified pyrite variable											
	overall 5% locally to 10%.	150.4 - 152.4	26313	2.0	110	4	146					
	154.2 - 154.8 - as above (151.6 - 153.2)	152.4 - 154.4	26314	2.0	170	1.1	284					
	154.8 - 155.6 - silicified pyritic 10-15%.	154.4 - 156.4	26315	2.0	70	1	257					
	156.4 - 157.7 - bleached, few narrow quartz-calcite-chlorite											
	c.q. pyrite bands @ 40-50° to C/A. Some											
	parts very epidote rich.	156.4 - 158.4	26316	2.0	100	.6	287					
		158.4 - 159.9	26317	1.5	60	.4	223					
	159.9 - 160.9 - coarse grained very biotitic arkose/wacke.											
	Several 5-10 cm heavily disseminated pyrite											
	bands @ 50-60° to C/A. Also 5 cm quartz-calcite											
	chlorite band @ 30° to C/A.	159.9 - 160.9	26318	1.0	120	1	436					
160.9	END OF HOLE											



Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

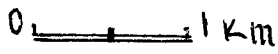
# SNIP LOCATION MAP

Scale: 1 : 500,000      Date: Dec., 1986      Plate: Fig. 1

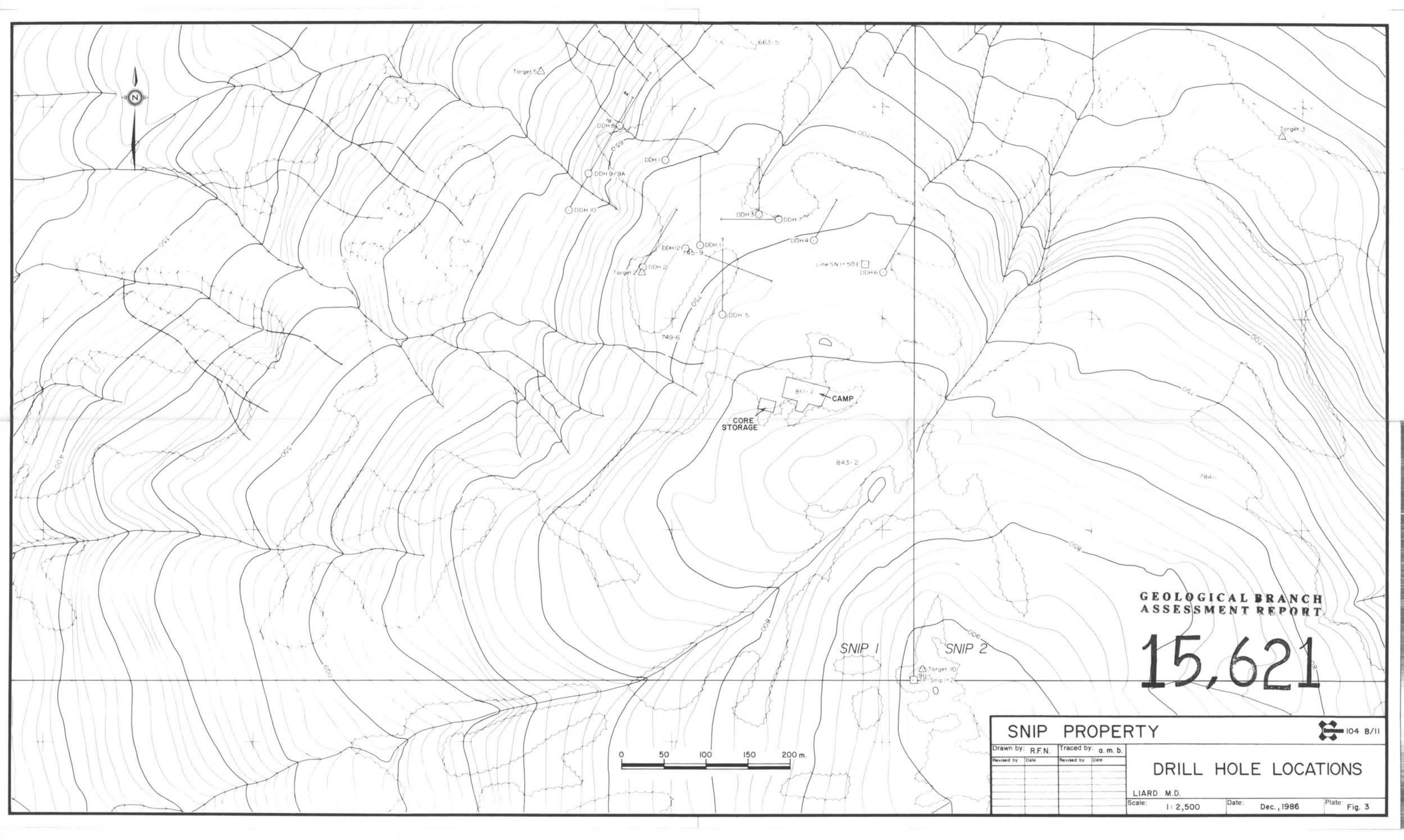


Drawn by	Traced by
Revised by	Revised by
Date	Date

## SNIP CLAIM OUTLINE

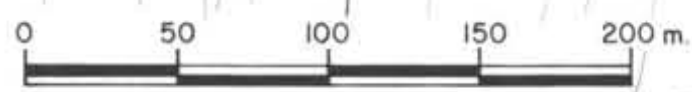


Scale: 1 : 50,000      Date: Dec., 1986      Plate Fig. 2



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,621**



<b>SNIP PROPERTY</b>				104 B/11	
Drawn by: R.F.N.	Traced by: a. m. b.				
Revised by:	Date:	Revised by:	Date:		
				<b>DRILL HOLE LOCATIONS</b>	
LIARD M.D.					
Scale: 1: 2,500	Date: Dec., 1986	Plate: Fig. 3			