Project:

Genex PN 8146

Date:

May 18 to 19, 2001

Logged by:

Robert Calhoun

Drilling Co: Colbert Drilling

Claim Number: P27216

2. 215 58 RECEIVED

JUN 13 2001

GEOSCIENCE ASSESSMENT OFFICE

**DDH: EGG32-30** 

**UTM COORDINATES** 

**COLLAR LOCATION:** 

SURVEYS:

Setup:

Depth 0.0m

**Azimuth** 130°

-45

Easting:

Elevation: 0.0 meters TD: 33.0 meters

**DRILLING DATES** 

Started: May 18, 2001 Finished: May 18, 2001

GODFREY

**GRID COORDINATES** 

1718S

1146E

Project: Genex PN8146 Date: May 18, 2001 Logged By: R. F. Calhoun

DDH: EGG32-30

### GEOLOGIC SUMMARY

FROM TO	DESCRIPTION	INTERVAL	SIGNIFICANT ASSAY AVERAGES

(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	0.9	Casing		<del></del>		<b></b>		FF:		PP.
0.9	6.0	Mafic Volcanic			İ	į	İ			
6.0	7.0	Felsic Intrusive			!					
7.0	13.5	Mafic Volcanic	12.85	15.75	2.90	13994	66722	2642	12.0	
13.5	16.1	Mineralized Zone	12,77	10,10	2.70	13///	00722	2072	12.0	
16.1	33.0	Mafic Volcanic								
	33.0	End of Hole								
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COMMENTS

Property: Godfrey Twp. -- Genex PN 8146

Hole Number: EGG32-30

Claim Number: P27216

Location: <u>1146E/1718S</u>

Final Depth: 33 meters

Logged By: Robert Calhoun

Azimuth: 130°

Dates Drilled: May 18, 2001

Drilled By: Colbert Drilling

Dip: <u>-45°</u>

Dates Logged: May 19, 2001

Signature:

						_	Assay	S			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	0.9	Casing									
0.9	6.0	Mafic Volcanic -fine to medium grained, medium green grey, locally bleached to beige buff colour. The unit is amygduloidal to porphyritic and contains nodular quartz to 1cm generally <1cm. The nodules are occasionally rimmed with ferrodolomite to ankerite. The amygdules are dolomite possible ankerite. There is some hyaloclastite. The unit becomes increasingly bleached pervasively at 5.1m. There are limonitic fractures above 4m.									
6.0	7.0	Felsic Intrusive -fine grained, pinkish to grey felsic with quartz feldspar. There are minor quartz veins and minor pyrite sulfides									
7.0	13.5	Mafic Volcanic -as above with the unit being highly bleached, with some bleaching in vein fractures. There is pervasive ferrodolomite to ankerite an the amygdules and nodules may occur in layers. Minor quartz veining 12.5-13.5-unit is as above but is not bleached, medium green grey with silica nodules and minor sulfides of pyrite, chalcopyrite and sphalerite below 12.9m.									

·							Assa	ys			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
13.5	16.1	Mineralized Zone -this section is an autobrecciated section of the unit highly bleached to appear kaolanized. The sulfides of sphalerite, chalcopyrite, minor galena and minor pyrite are as fragment support, open space fillings forming 10-60% of the unit									
		13.5-14.9-20% total sulfides with sphalerite being 80% of the sulfides and chalcopyrite 20% with minor pyrite and galena	52705 52706	12.85 13.5	13.5 14.9	0.65 1.40	764 2890	8700 38000	44 1130	0.9 3.5	
		14.9-15.75-semi-massive to massive sphalerite forming 60% of the unit but having massive sections as at 14.9-15.2. Chalcopyrite is more abundant in the last 30cm.  15.75-16.1-10% sulfides as fracture fillings with	52707 52708	14.9 15.75	15.75 16.1	0.85 0.35	42400 2630	158400 2670	7120 160	34.4 2.1	
		pyrite and chalcopyrite									
16.1	33.0	Mafic Volcanic -fine grained to medium grained, medium to locally dark green, massive, weak chlorite alteration and minor sulfides.	52709	16.1	16.4	0.3	464	932	34	0.9	
	33.0	End of Hole									
		,									
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Project:

Genex PN8146

Date:

May 19 to 20, 2001

Logged by: Drilling Co: Colbert Drilling

Robert Calhoun

Claim Number: P27216

SURVEYS:

Depth Setup: 0.0

**Azimuth** 130°

Dip -70° DDH: EGG32-31

**COLLAR LOCATION:** 

**UTM COORDINATES** 

**GRID COORDINATES** 

1718S

1146E

Northing: Easting:

Elevation: 0.0 meters TD: 30 meters

**DRILLING DATES** 

Started: May 19, 2001 Finished: May 19, 2001

42A05NE2042 2.21558

GODFREY

Project: Genex PN8146

Date: May 19, 2001 Logged By: R. F. Calhoun

DDH: EGG32-31

### GEOLOGIC SUMMARY

ROM	TO	DESCRIPTION	<u>]</u>	INTERVAL			SIGNIFICANT ASSAY AVERAGES					
(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb		
0.0 0.7 9.6 11.3 14.8 15.35	0.7 9.6 11.3 14.8 15.35 30.0 30.0	Overburden Mafic Volcanic Felsic Intrusive Mafic Volcanic Mineralized Zone Mafic Volcanic End of Hole	14.8 15.35	15.35 16.3	0.55 0.95	31600 3110	23100 28000	615 54	19.7 2.2	2683 317		

COMMENTS	

Property: Godfrey Twp. -Genex PN 8146

chalcopyrite 8-10%. The remaining section is fracture

Hole Number: EGG32-31

Claim Number: P27216

Location: 1146E/1718S

Final Depth: 30 meters

Logged By: Robert Calhoun

Azimuth: 130°

Dates Drilled: May 19, 2001

Drilled By: Colbert Drilling

Signature:

Dip: <u>-70°</u>

Dates Logged: May 20, 2001

**Assavs** From To Description Sample Zn From To Length Cu Pb Ag Au # (meter) ppm mag ppm a/ton daa 0 0.7 Overburden -casing 0.7 9.6 Mafic Volcanics -fine to medium grained, pale green to beige buff in bleached and altered sections. Bleaching/alteration are variable from nil to pervasive. There are some hyaloclastic sections with the remaining unit amygduloidal to possible porphyritic with some silica rich nodules 9.6 11.3 Felsic Intrusive -fine grained, pink to grey with pink overcast (granitic). The unit has minor sulfides of pyrite, as coarse clots in one 10cm section. Upper contact is at 45° to core axis, while the lower contact is at 34° 11.3 14.8 Mafic Volcanic -as above with increased bleaching, pervasive to 14.15m where unit becomes dark green weakly breacciated and contains minor sulfides 14.8 15.35 Mineralized Zone -this section is highly bleached to appear kaolinized to 15.1m and becomes less altered to 15.35m. There is a 10cm chalcopyrite rich zone at 14.8-14.9m with

			Assays									
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb	
		filling possible fragment support sulfides of sphalerite, chalcopyrite and pyrite. Sphalerite is the dominant sulfide 8%, chalcopyrite 1-2% and pyrite 10%. Total sulfides is 20%.	52753 52754	14.15 14.8	14.8 15.35	0.65 0.55	384 31600	2110 23100	38 615	0.7 19.7	38 2683	
15.35	30.0	Mafic Volcanics -fine to medium grained, medium to dark green, locally chloritic, massive except as noted below 15.35-16.30-minor sulfide veins with one 8cm vein at lower end of section semi-massive sphalerite 28.0-29.1-weakly brecciated section with small fragments dark green grey	52755	15.35	16.3	0.95	3110	28000	54	2.2	317	
	30.0	End of Hole										
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Project:

Genex PN8146

Date:

May 20 to 21, 2001

Logged by:

Robert Calhoun

Drilling Co:

Colbert Drilling

Claim Number: P27216

2,21558

JUN 13 2001

GEOSCIENCE ASSESSMENT
OFFICE

DDH: EGG32-32

COLLAR LOCATION:

SURVEYS:

UTM\_COORDINATES

**GRID COORDINATES** 

1738S

1168E

Setup:

Depth 0.0 Azimuth 310°

Dip -45° Northing: Easting:

Elevation: 0.0 meters TD: 27.0 meters

**DRILLING DATES** 

Started: May 20, 2001 Finished: May 20, 2001

42A05NE2042 2.21558

GODFREY

Project: Genex PN8146 Date: May 20, 2001 Logged By: R. F. Calhoun

DDH: EGG32-32

## GEOLOGIC SUMMARY

1			
FROM TO	DESCRIPTION	INTERVAL	SIGNIFICANT ASSAY AVERAGES

(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0	1.7	Casing/Overburden						<b>FF</b>		PPS
1.7	5.0	Mafic Volcanic								
5.0	27.0	Mafic Volcanic	{	<b>,</b>						
1	27.0	End of Hole								
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COMMENTS

Property: Godfrey Twp. -Genex PN8146

Hole Number: EGG32-32

Claim Number: P27216

Location: <u>1168E/1738S</u>

Final Depth: 27 meters

Logged By: Robert Calhoun

Azimuth: 310°

Dates Drilled: May 20, 2001

Drilled By: Colbert Drilling

Dip: <u>-45°</u>

Dates Logged: May 21, 2001

Signature:

							Assay	S			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	1.7	Casing/Overburden -there are mineralized pieces in the overburden bleached, sphalerite chalcopyrite									
1.7	5.0	Mafic Volcanic -fine to medium grained, pale beige buff coloured. Although the unit appears based on colour index to be felsic, it is similar to the mineralized zones in holes EGG32-30 and EGG32-31. There are quartz veins and knots. The unit is massive  1.7-1.9-dark green with paler green fragments 1.9-5.0-bleached as noted above with fracture fillings, veined sphalerite, chalcopyrite in dark probable silica <10% but the sulfides are mainly sphalerite with chalcopyrite	52756 52757	1.9 3.5	3.5 5.0	1.6 1.5	211 985	3720 8720	25 42	0.1 0.5	14 38
5.0	27.0	Mafic Volcanics -fine to locally medium grained, medium to dark green to green grey with chlorite minor but as small chloritoid spots. There are minor amygdules over short sections and small breccia (healed) sections as at 19.5-19.8m. The unit is generally devoid of sulfides. There are several limonitic voids and fractures									
	27.0	End of Hole									

Project:

Genex PN8146

Date:

May 21 to 22 2001

Logged by: Drilling Co:

Robert Calhoun Colbert Drilling

3.21558

Claim Number: P27216

SURVEYS:

Setup:

Depth 0.0

Azimuth 310°

Dip -80° EGG32-32a COLLAR LOCATION:

UTM COORDINATES

**GRID COORDINATES** 

1738S

1168E

Northing:

Easting:

Elevation: 0.0 meters TD: 6.0 meters

**DRILLING DATES** 

Started: May 21, 2001 Finished: May 21, 2001

42A05NE2042 2.21558

GODFREY

Project: Genex PN8146

Date: May 21, 2001 Logged By: R. F. Calhoun

DDH: EGG32-32a

### GEOLOGIC SUMMARY

FROM TO	DESCRIPTION	INTERVAL	SIGNIFICANT ASSAY AVERAGES

(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0.0 0.8 3.2	0.8 3.2 6.0 6.0	Casing Mafic Volcanic Mafic Volcanic End of Hole								
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Property: Godfrey Twp. -Genex PN8146

Hole Number: EGG32-32a

Claim Number: P27216

Location: <u>1168E/1783S</u>

Final Depth: 6 meters

Logged By: Robert Calhoun

Azimuth: 310°

Dates Drilled: May 21, 2001

Drilled By: Colbert Drilling

Dip: <u>-80°</u>

Dates Logged: May 22, 2001

Signature:

							Assays	5			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	0.8	Casing									
8.0	3.2	Mafic Volcanic -fine grained, beige buff, bleached, highly altered with veins discontinuous, 0.5cm across contorted, possible box work. These veins have sphalerite, chalcopyrite and pyrite. The sulfides are <10% of the sections									
3.2	6.0	Mafic Volcanic -fine to medium grained, medium to dark grey green massive									
	6.0	End of Hole									
		•									

Project:

Genex PN8146

Date:

May 20 to 22, 2001 Robert Calhoun

Logged by: Drilling Co:

Colbert Drilling

Claim Number: P27216

SURVEYS:

Setup:

<u>Depth</u> 0.0 Azimuth 00°

<u>Dip</u> -45°

JUN 13 2001

GEOSCIENCE ASSESSMENT
OFFICE

DDH: EGG32-33

**COLLAR LOCATION:** 

UTM COORDINATES

**GRID COORDINATES** 

2055S

1205E

Northing:

Easting:

Elevation: 0.0 meters TD: 138.0 meters

**DRILLING DATES** 

Started: May 20, 2001 Finished: May 21, 2001



42A05NE2042 2.21558

GODFREY

050

Property: Godfrey Twp. -Genex PN 8146

Hole Number: EGG32-33

Claim Number: P27216

Location: <u>1205E/2055S</u>

Final Depth: 60 meters

Logged By: Robert Calhoun

Azimuth: 00°

Dates Drilled: May 20-21, 2001

Drilled By: Colbert Drilling

Dip: <u>-45</u>

Dates Logged: May 21-22, 2001

Signature

					11 1 21 25	•	Assay	S			
From	То	Description	Sample #	From	То	Length (Meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	0.7	Casing									
0.7	16.1	Felsic Breccia -the breccia starts with large fragments 8-10cm in size felsic in appearance, medium grey, appearing granodioritic in texture. The fragments become smaller downsection after 5.6m. There are dark green grey fragments, light grey fragments angular to sub-rounded in a silica, feldspar matrix. Several small sections of dark green black chlorite form veins 5-70cm in length and discordant cross cutting veins. Sulfides of chalcopyrite occur locally with an association with the chlorite areas. Pyrite does occur but is minor associated with quartz vein at 11.9m. Quartz veins are white, milky and are mainly 47° to core axis. 5.4-5.6-chlorite with chalcopyrite, <1% 10.6-11.0-chlorite with 1% chalcopyrite in contorted veins sub parallel to core axis. 11.9-6cm quartz vein with minor pyrite	52758 52759 52760 52761	5.2 6.3 10.5 13.7	5.7 6.8 11.0 14.3	0.5 0.5 0.5 0.6	808 25 3850 680				45 45 75 12
16.1	19.5	Intermediate Volcanic -medium grained, medium grey massive to foliated below 17.0m. Foliation/banding is at 35° to core axis. The upper part of the unit is amygduloidal. There is one milky white quartz vein at 18.4-18.6. The upper contact has a medium grey quartz vein 1cm wide, contact upper at 46°. Lower broken									

				·			Assa	ys	<del></del>		
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
19.5	25.7	Felsic Breccia -fine grained matrix, light to medium grey probable flow breccia with dark chloritic fragments and contorted veins of chlorite material. The lower part of the unit is dominated by intermediate to felsic volcanics as above, silica rich									
25.7	41.8	Felsic Breccia -fine grained, medium to dark grey to locally blackish matrix with fragments small to 1m generally. This section is much darker than above with more abundant chloritic fragments and chlorite dark green to black in "veins" to 10cm long. The abundance of dark chlorite is accompanied by an increase in sulfide content. The sulfides are dominated by chalcopyrite which occurs as grains, blebs, clots and discontinuous veinlets. The chalcopyrite content is highly variable with up to 5-8% chalcopyrite over sections up to 30cm in length. There are sections of pyrite sulfides as medium grains in veins as at 32m and the pyrite can also occur as clots infrequent  The bulk of the chalcopyrite occurs between 25.7-34.3m. The remaining section to 41.8m has minor chalcopyrite.	52762 52763 52764 52765 52766 52767 52768 52769	25.7 27.1 28.4 29.2 30.2 31.5 33.0 34.3	27.1 28.4 29.2 30.2 31.5 33.0 34.3 35.4	1.4 1.3 0.8 1.0 1.3 1.5 1.3	2730 6720 1190 7500 9840 5080 8580 1700			0.6 1.1 0.3 1.0 1.5 1.2 1.5 0.4	118 374 219 967 329 1005 127 221
41.8	68.4	Mafic Volcanics -fine grained, dark green to blackish with local bleaching to pale grey. The unit is massive in appearance, locally amygduloidal with fine amygdules <1mm and amygdules to 3mm. The unit has mainly pyrite sulfides as contorted veins, discontinuous laminae and infrequent clots. Sulfide content is <1-3% overall but there are sections of 5-8% occasionally accompanied by grains, blebs of chalcopyrite 42.0-43.2-pyrite 15-20% as massive veins, clots with minor chalcopyrite 44.8-44.9-contorted veinlets of pyrite with chalcopyrite 47.0-51.8-bleaching section light grey generally with one massive veinlet of pyrite at 51.25-51.3m 53.0-60.0-veinlets, laminae and clots of pyrite	52770	42.0	43.2	1.2	3210			0.9	415

							Assa	ys			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		occur through this section at a rate of 1-4 laminae veinlets per meter 60.0-68.4-pyrite continues with occasional chalcopyrite as fracture fillings with pyrite. Chalcopyrite <0.1% overall									
68.4	90.6	Mafic Volcanic-Breccia to Agglomerate -this section is highly variable in texture and sulfide content. The unit is mainly dark green to blackish chloritic fine grained mafic volcanic with sections of amygduloidal, volcanic and auto breccia. The amygduloidal section have amygdules filled with silica, locally pyrite with silica rims, lesser carbonate. They are occasionally >0.5mm rounded to contorted edges. These may represent pillows with the breccia or fragments being interpillow fragments. The chlorite content is high through the section with 10-20cm bands of mainly chlorite. The pyrite content is variable up to 20-25% but is consistently in the order of 5%. It occurs mainly in the fragmental/breccia with only the amygdule fillings in the mafic volcanic or pillow sections. The pyrite occurs as blotches, blebs, discontinuous laminae, coarse clusters and rarely as veinlets 3-4m of coarse grains. The pyrite ranges from bright to dusty brown where sphalerite mainly form a component of the sulfides. Chalcopyrite occurs randomly as blotches, clusters within the pyrite and very rarely as fine laminae. There are occurrences of chalcopyrite grains in star burst clusters as well. There are short sections in the mafics which appear to have varioles abundant over 5cm as at 76.1-76.15m.	52771 52772 52773 52774 52775 52776 52777 52778 52779 52780 52781 52782 52783 52784 52785 52786	66.5 68.4 69.4 70.8 71.9 73.4 74.6 75.8 77.5 82.3 84.3 85.3 86.5 88.3 89.5	68.4 69.4 70.8 71.9 73.4 74.6 75.8 27.5 82.3 84.3 85.3 86.5 90.6	1.9 1.0 1.4 1.1 1.5 1.2 1.7 1.0 1.0 1.0 1.0 1.2 1.5 1.1	51 125 46 376 315 1520 336 141 752 243 2140 35 33 35 6090 475			0.2 0.2 0.1 0.4 0.4 1.0 0.6 0.2 0.8 0.2 0.9 0.1 0.1 0.1 3.1 1.5	39 53 48 70 58 161 17 19 34 67 87 21 39 39 878 322
90.6	125.9	Intermediate to Mafic Volcanic -medium to fine grained, medium grey to grey green with local bleached sections. Unit has minor pyrite locally more abundant as noted below. There are infrequent blotches to discontinuous laminae of chalcopyrite as at 93.4m, 102.2m, 109.5m and 115.0m. There are several sections to 1m where unit is fine grained dark green and chloritic to chloritized, soft 99.5-105.9-section is bleached pale buff light	52787	102.2	103.8	1.6	1280			0.5	105

							Assa	ys			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		Grey to whitish, weakly siliceous possibly albitic. There is a moderately mineralized section from 102.1-104.1m with blotches of chalcopyrite and pyrite 3-5% with a chloritic section from 102.9-104.1m.  105.9-122.3-intermediate medium grained local pyrite minor to trace chalcopyrite  122.3-125.9-medium grained, with quartz as grains, nodules and in matrix. The unit contains very fine pyrite 5-8%. Minor to trace chalcopyrite. The unit contains ferrodolomite locally especially towards the lower contact.  Lower contact broken to crushed	52788 52789	122.3 124.2	124.2 125.9	1.9 1.7	206 199			0.2 0.4	40 65
125.9	138.0	Diabase Dyke -fine to medium grained, medium brownish in upper section to medium to dark grey. The unit is magnetic strongly to moderately. The end of the core 137.4- 138.0m, finer grained possibly coming to lower contact.									
	138.0	End of Hole									
		•			i :						

Project:

Genex PN8146

Date:

May 22 to 23, 2001

Logged by: Drilling Co:

Robert Calhoun Colbert Drilling

Claim Number: P27215

UTM COORDINATES

**DDH**: EGG32-34

**COLLAR LOCATION:** 

**GRID COORDINATES** 

2000S

1244E

SURVEYS:

Setup:

Depth 0.0

Azimuth  $00^{\circ}$ 

Dip -45° Northing:

Easting:

Elevation: 0.0 meters TD: 45.0 meters

GEOSCIENCE ASSESSMENT OFFICE

**DRILLING DATES** 

Started: May 22, 2001 Finished: May 22, 2001

42A05NE2042

2.21558

GODFREY

060

Project: Genex PN8146 Date: May 22, 2001 Logged By: R. F. Calhoun

DDH: EGG32-34

### GEOLOGIC SUMMARY

FROM	TO	DESCRIPTION	INTERVAL	SIGNIFICANT ASSAY AVERAGES

(m)	(m)		From	To	Width	Cu	Zn	Pb	Ag	Au
0.0	0.6	<u> </u>	(m)	(m)	(m)	ppm	ppm	ppm	g/t	ppb
0.0	0.6	Casing					1			
0.6	3.0	Mafic Volcanic	ļ	İ						
3.0	12.5	Felsic Intrusive						)		
12.5	16.5	Mafic Volcanic								
16.5	36.6	Mafic Volcanic								
36.6	45.0	Mafic Volcanic					1		İ	
	45.0	End of Hole						1	İ	
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Property: Godfrey Twp. -Genex PN8146

Hole Number: EGG32-34

Claim Number: P27215

Location: 1244E/2000S

Final Depth: 45 meters

Logged By: Robert Calhoun

Azimuth: 00°

Dates Drilled: May 22, 2001

Drilled By: Colbert Drilling

Dip: <u>-45°</u>

Dates Logged: May 23, 2001

**Assays** From To Description Sample Length Pb From Τo Cu Zn Ag Au # (meter) g/ton ppm ppm ppm daa 0 0.6 Casing 0.6 3.0 Mafic Volcanic -fine to medium grained, medium to dark green, limonite stained fractures, broken to locally crushed. 3.0 12.5 Felsic Intrusive -fine to medium grained, highly variable in colour and textures. Colour ranges from medium grey green to buff where bleaching has occurred with some fragmenting. Fragments, breccia pieces are up to 1cm in size. There may be some inclusions of mafic volcanics. Sulfides are infrequent pyrite as discontinuous laminae and cubic clusters. Unit is locally broken to crushed. 12.5 16.5 Mafic Volcanic -fine grained, bleached buff grey to yellowish, massive with 52790 15.0 13.6 1.4 45 0.1 14 chlorite fractures and chlorite as small spots. There is 52791 15.0 16.5 1.5 87 0.1 57 minor to 1% pyrite as euhedral grains and small laminae 52792 18.0 19.5 15 100 0.1 associated with the chloritic fractures. 16.5 36.6 Mafic Volcanic -fine to medium grained, medium to dark green massive in appearance. There is a fault/shear at the upper contact. Quartz veins are milky white small to 2cm in width and may have minor pyrite associated.

							Assa	ys			
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		18.0-22.2-quartz and calcite veining in this section as small veins randomly oriented. Pyrites minor to locally 1% over <20cm. The core has an orange rust stain possible siderite 22.2-36.6-quartz and/or calcite veins are infrequent dominantly 47° to core axis with local bleaching for 1cm either side									
36.6	45.0	Mafic Volcanic -medium grained, dark green, massive with calcite in the matrix as grains. These may be some leucoxene. The unit is magnetic, moderate to strong. There are local quartz and calcite veinlets <0.5cm, discontinuous and at 60° to core axis. Upper contact is 63° to core axis.									
	45.0	End of Hole									

Project:

Genex PN8146

Date: Logged by: May 27 to 29, 2001

Drilling Co:

Robert Calhoun Colbert Drilling

Claim Number: P27216

93.5 58

SURVEYS:

Setup:

**Depth** 0.0

Azimuth  $00^{\circ}$ 

Dip -90° GEOSCIENCE ASSESSMENT OFFICE

DDH: EGG32-35

**COLLAR LOCATION:** 

**UTM COORDINATES** 

**GRID COORDINATES** 

2073S

1219E

Northing:

Easting:

Elevation: 0.0 meters

TD: 29.0 meters

**DRILLING DATES** 

Started: May 27, 2001 Finished: May 27, 2001



42A05NE2042

2.21558

GODFREY

070

Project: Genex PN8146 Date: May 27, 2001 Logged By: R. F. Calhoun

DDH: EGG32-35

### **GEOLOGIC SUMMARY**

FROM	TO	DESCRIPTION	1	NTERVAL	,	SIC	INIFICAN	T ASSA	Y AVERAC	GES
(m)	(m)		From (m)	To (m)	Width (m)	Cu ppm	Zn ppm	Pb ppm	Ag g/t	Au ppb
0	6.0	Mafic Volcanic		, ,				• • •		
6.0	13.1	Felsic Volcanic (?)								
13.1	17.0	Mafic Volcanic			ļ	ļ			ļ	
17.0	23.5	Felsic Pyroclastics/Mafic Tuff								
23.5	29.0	Mafic Volcanic	23.5	29.0	5.8	5321			1.05	272
	29.0	End of Hole	26.3	29.0	2.7	8124			1.90	301

COMMENTS

Property: Godfrey Twp. -Genex PN 8146

Hole Number: EGG32-35

Claim Number: P27216

Location: <u>1219E/2073S</u>

Final Depth: 29 meters

Logged By: Robert Calhoun

Azimuth: 00°

Dates Drilled: May 27, 2001

Drilled By: Colbert Drilling

Dip: <u>-90°</u>

Dates Logged: May 29, 2001

Signature:

			•				Assay	S	_		
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
0	6.0	Mafic Volcanic -fine grained, medium grey green, weakly siliceous with minor silica/carbonate variable veining to lighter grey colour. There are chloritic patches to layers with minor pyrite and lesser chalcopyrite									
6.0	13.1	Felsic Volcanic (?) -this unit has a fine grained to medium grained matrix with abundant quartz in nodules to 3cm in size. The unit may in part be brecciated. There are small quartz veins <0.5cm sub parallel to core axis									
13.1	17.0	Mafic Volcanic -fine grained, dark green to black with minor fragments of lighter grey. The unit is aphanitic probable fine ash to argillite fineness. There are larger fragments medium to coarse more felsic in appearance									
17.0	23.5	Felsic Pyroclastics/Mafic Tuff -medium to coarse, light to medium grey felsic pyroclastic with fragments to 0.5cm lighter grey, dark fragments green grey to 0.5cm and smaller fragments of each. These are interlayered with dark green to blackish fine ash tuff to argillite, chloritic. Contacts although slightly variable are generally at 30-35° to core axis with one at 51° to core axis. There are minor sulfides of pyrite and minor									

							Assa	/s			
From	То	Description	Sample #	From	To	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb
		chalcopyrite in one dark green chloritic section <20cm long.									
23.5	29.0	Mafic Volcanic -fine grained, dark green to blackish chloritic with minor fragmenting. This unit is broken to locally crushed with one section well mineralized and lighter grey in colour. Chalcopyrite occurs as clots, blotches and disseminations 23.5-25.7-chalcopyrite <0.5% 25.7-26.3-lighter grey with 10% pyrite chalcopyrite to 1% especially near upper contact 26.3-29.0-mafic volcanic with 1 to locally 2% chalcopyrite with local pyrite concentrations to 1-%.	52830 52831 52832 52833 52834	23.5 24.5 25.7 26.3 28.0	24.5 25.7 26.3 28.0 29.0	1.0 1.2 0.6 1.7 1.0	6560 2450 386 5550 12500			1.3 0.7 0.4 0.7 2.3	182 62 867 322 266
	29.0	Hole encountered a drift or stope of old workings									
		•									

Project:

Genex PN8146

Date:

May 27 to 29, 2001

Logged by: Drilling Co: Robert Calhoun Colbert Drilling

Claim Number: P19290

SURVEYS:

Setup:

Depth 0.0

**Azimuth** 00°

Dip

-90°

DDH: EGG32-36

**COLLAR LOCATION:** 

UTM COORDINATES

**GRID COORDINATES** 

2110S

1222E

Northing:

Easting:

Elevation: 0.0 meters TD: 102 meters

DRILLING DATES

Started: May 27, 2001 Finished: May 28, 2001

2.21558

GODFREY

Project: Genex PN8146 Date: May 27, 2001 Logged By: R. F. Calhoun DDH: EGG32-36

## GEOLOGIC SUMMARY

FROM TO	DESCRIPTION	INTERVAL	SIGNIFICANT ASSAY AVERAGES

(m)	(m)		From	То	Width	Cu	Zn	Pb	Ag	Au
	<u> </u>		(m)	(m)	(m)	ppm	ppm	ppm	g/t	ppb
0	21.55	Mafic Volcanic	1.0	7.0	6.0	2162	14258		2.2	65
21.55	35.7	Mafic Volcanic	21.5	25.1	3.6	24898	21258		38.5	677
35.7	51.8	Mafic Volcanic				1				i
51.8	60.0	Mafic Volcanic-Breccia	54.9	57.6	2.7	5001	17589		6.4	104
60.0	74.9	Mafic Volcanic	1			1				i
74.9	<b>8</b> 9.7	Mafic Volcanic								
89.7	102.0	Mafic Volcanic				}	·			
	102.0	End of Hole								İ
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COMMENTS

Property: Godfrey Twp. -Genex PN8146

Hole Number: EGG32-36

Claim Number: P19290

Location: <u>1222E/2110S</u>

Final Depth: 102 meters

Logged By: Robert Calhoun

Azimuth: 00°

Dates Drilled: May 27-28, 2001

Drilled By: Colbert Drilling

Dip: <u>-90°</u>

Dates Logged: May 28-29, 2001

Signature:

			Assays										
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb		
0	21.55	Mafic Volcanic -fine to locally medium grained, medium to dark green to medium grey. The unit is locally amygduloidal with	52793 52794	0.0 1.0	1.0 2.0	1.0 1.0	50 1790	631 21100		0.2 2.4	12 36		
		amygdules to 0.5cm. The unit is locally siliceous weak to moderate. There is abundant carbonate and/or quartz veining in random patterns, locally not patterned. Sulfides of pyrite, sphalerite, chalcopyrite occur randomly as blotches, clusters of coarser grains, fracture fillings of pyrite while chalcopyrite is as grains in the pyrite and sphalerite as random grains on large blotch of 5.8m	52795	2.0	3.5	1.5	3480	11800		2.9	79		
		3.5-5.0-1-3% pyrite minor sphalerite chalcopyrite 5.0-7.0-variable sulfides 10% overall with 20cm section >15%. Pyrite dominant with minor chalcopyrite. Sphalerite is as grains in the pyrite and one large blotch at 5.8m-2cm in diameter	52796	3.5	5.0	1.5	151	2380		0.3	24		
		7.0-9.1-minor to 1% pyrite and occasional grains of	52797	5.0	6.0	1.0	924	8980		1.8	79		
		sphalerite 9.1-12.3-occional sphalerite, tan coloured	52798	6.0	7.0	1.0	4810	34200		4.3	120		
		12.3-13.3-1% pyrite, sphalerite as fracture fillings <0.5% and grains of chalcopyrite as at 13.0m. 13.3-15.7-mafic volcanic, minor chalcopyrite at 14.6m.	52799	12.3	13.3	1.0	3770	17800		3.0	29		
		15.7-16.2-2cm wide vuggy quartz vein minor to trace sulfides 16.2-18.6-mafic volcanic, trace pyrite	52800	15.7	16.2	0.5	243	1060		0.1	5		

			Assays									
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb	
		16.2-18.6-mafic volcanic, trace pyrite 18.6-21.55-unit becomes increasingly disrupted, increase in quartz carbonate veining more abundant amygdules, quartz, forming local cluster zones at 20.70-20.95m. There are also dark green flecks to small spots, chloritoids as at 18.7 to 19.3m. Carbonate in this zone is ferrocalcite to ferrodolomite										
21.55	35.7	Mafic Volcanic -fine to medium grained, pale grey to buff bleached, sericitic, possible albitized. This unit appears similar to the above except for the alteration which is intense. Sulfides of pyrite, chalcopyrite and sphalerite occur as massive sulfides, disseminations, grains clusters in veinlets of dark silica and discontinuous veins which form local box vein patterns  21.55-22.2-15% pyrite as nodules clusters and disseminations with minor chalcopyrite and sphalerite	52801	21.5	22.2	0.7	6090	26200		11.2	290	
		22.2-23.3-semi-massive to massive sulfides of fine pyrite chalcopyrite 10-15% and <2% sphalerite.  There may be local arsenopyrite as large massive nodules at 22.3m.  23.3-25.2-veined pyrite with sphalerite 10%	52802 52803	22.2	23.3	1.0	72600 3390	480 27400		110.8 4.6	1605 267	
		sulfides 1-2% sphalerite 25.2-35.7-bleached mafic volcanic with 5-10% pyrite in veinlets of coarser grains. Overall <5% sulfides with local 10% over short core lengths <20cm. Sphalerite is 1% in sulfides - <0.5% overall	52804 52805 52806 52807 52808 52809	24.3 25.1 26.4 27.5 28.8 30.2	25.1 26.4 27.5 28.8 30.2 31.7	0.8 1.3 1.1 1.3 1.3 1.5	2650 126 52 74 37 553	28200 1530 1520 2020 608 2210		5.5 0.7 0.2 0.4 0.3 0.4	252 2 nil 58 46 31	
35.7	51.8	Mafic Volcanic -fine grained, medium to dark grey to grey green, dominantly towards grey with variable textures with some brecciated, some amygduloidal but overall disrupted in appearance. There are short sections <20cm which are medium grained with feldspar grains. There are local sulfides of pyrite and lesser chalcopyrite as at 42.9m as clusters and blotches. There are local fragments light grey sub rounded to angular. The coarser grained sections may be large	52810 52811 52812	31.7 33.2 34.4	33.2 34.4 35.7	1.5 1.2 1.3	908 44 56	8540 331 1130		0.6 0.2 0.3	31 51 43	

			Assays									
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb	
		fragments. There are carbonate rich areas as grains – ferrodolomite to ankerite, generally forming a accumulations of <1mm grains.  49.7-51.8-pyrite content increases to 5% overall with minor sphalerite/chalcopyrite	52813 52814	49.7 50.8	50.8 51.8	1.1 1.0	53 547	1950 5880		0.3 7.9	55 122	
51.8	60.0	Mafic Volcanic-Breccia -fine grained, dark green to green black, highly chloritic with fragments not obvious because of chlorite content. As above, unit has variable textures with amygdules locally large >0.5cm generally filled with silica. Sulfide content in this section is 5-10% pyrite as clusters, blotches, discontinuous veinlets/laminae. Sphalerite and chalcopyrite are minor to <1%. Lower part of unit has abundant quartz as blow outs, discontinuous veins and rarely as veins. Rock unit starts to lose chlorite giving way to possible sericite grey medium to light. There is ferrodolomite to ankerite 57.6-60.0m.	52815 52816 52817 52818 52819 52820	51.8 53.3 54.9 56.1 57.6 59.0	53.3 54.9 56.1 57.6 59.0 60.0	1.5 1.6 1.2 1.5 1.4 1.0	5220 2750 10200 841 59 33	5140 5060 14700 19900 180 144		3.9 3.1 11.7 2.2 0.5 0.1	62 57 158 60 94 nil	
60.0	74.9	Mafic Volcanic -fine grained, buff cream coloured, bleached altered, pervasively. The unit has amygdules to local porphyroblasts of quartz/carbonate rimmed with chlorite. The amygdules are 1mm to 4mm generally with larger amygdules to 1-1.5cm (porphyroblasts). The unit may be pillowed with selvages marked by amygdule free darker green colour. There is ankerite/ferrodolomite in the amygdules with quartz and also in the matrix and small fractures. Weak chloritoids are developing towards the bottom of the unit. Sulfides are minor to trace	52821 52822	60.0 61.5	61.5 63.0	1.5 1.5	38 61	105 145		0.1 0.2	3 9	
74.9	89.7	Mafic Volcanic -this unit is a continuation of the above but the alteration is spotty and the base unit is a medium green 86.0-89.7-the lower contact of the unit is as follows -86.0-87.1-bleached with sulfides of mainly pyrite possible chalcopyrite -87.1-89.7-unit is dark green amygduloidal with small quartz veins and sulfides. The sulfides are 1-5%	52823 52824 52825 52826	86.0 87.0 88.0 89.0	87.0 88.0 89.0 89.7	1.0 1.0 1.0 0.7	46 3330 25 177	315 532 404 393		0.2 3.6 0.9 0.3	43 821 103 381	

			Assays									
From	То	Description	Sample #	From	То	Length (meter)	Cu ppm	Zn ppm	Pb ppm	Ag g/ton	Au ppb	
		pyrite and local grains to blebs of chalcopyrite Lower contact is 52° to core axis										
89.7	102.0	Mafic Volcanic -fine to medium grained, medium to dark green, massive with only local minor alterations. There are sulfides of pyrite and chalcopyrite mainly near the contact but also as blebs randomly distributed. One section at 91.4 (5cm) contains sphalerite with the chalcopyrite. Other sulfide occurrences are as blebs possibly associated with carbonate and/or small quartz veins	52827 52828 52829	89.7 90.7 94.7	90.7 91.5 95.7	1.0 0.8 1.0	366 4210 385	441 331 483		0.2 1.2 0.1	81 1245 84	
	102.0	End of Hole			ļ							
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			1									



## **Work Report Summary**

**Transaction No:** 

W0160.30264

Status: APPROVED

Recording Date:

2001-JUN-11

Work Done from: 2001-MAY-18

Approval Date:

2001-AUG-22

to: 2001-MAY-28

Client(s):

109770

BONHOMME, JEAN-CLAUDE

130679

**FALCONBRIDGE LIMITED** 

301944

PROSPECTORS ALLIANCE CORPORATION

Survey Type(s):

**ASSAY** 

**PDRILL** 

W	ork Report D	etails:								
Cla	aim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G	6000334	\$5,347	\$5,347	\$0	\$0	\$4,400	4,400	\$947	\$947	
G	6000338	\$5,295	\$5,295	\$0	\$0	\$0	0	\$5,295	\$5,295	
G	6000339	\$10,302	\$10,302	\$0	\$0	\$0	0	\$10,302	\$10,302	
Р	1218629	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2002-JUN-11
Р	1218741	\$0	\$0	\$2,800	\$2,800	\$0	0	\$0	\$0	2002-JUN-10
Р	1218742	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2002-JUN-10
		\$20,944	\$20,944	\$4,400	\$4,400	\$4,400	\$4,400	\$16,544	\$16,544	-

**External Credits:** 

\$0

Reserve:

\$16,544	Reserve of Work Report#: W0160.30264
(\$3,600)	Applied by W0160.30310 2001-JUN-18
(\$6,000)	Applied by W0160.30325 2001-JUN-19
(\$4,800)	Applied by W0160.30370 2001-JUN-27
(\$400)	Applied by W0160.30469 2001-JUL-19
\$1,744	Total Remaining

Status of claim is based on information currently on record.



42A05NE2042

2.2155

GODFREY

900

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Date: 2001-AUG-23



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.21558

PROSPECTORS ALLIANCE CORPORATION 56 TEMPERANCE ST. 3RD FLOOR TORONTO, ONTARIO M5H 3V5 CANADA

Dear Sir or Madam

## Transaction Number(s): W0160.30264

#### Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact JIM MCAULEY by email at james.mcauley@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron Gashinski

Supervisor, Geoscience Assessment Office

1 codal

Cc: Resident Geologist

Jean-Claude Bonhomme

(Claim Holder)

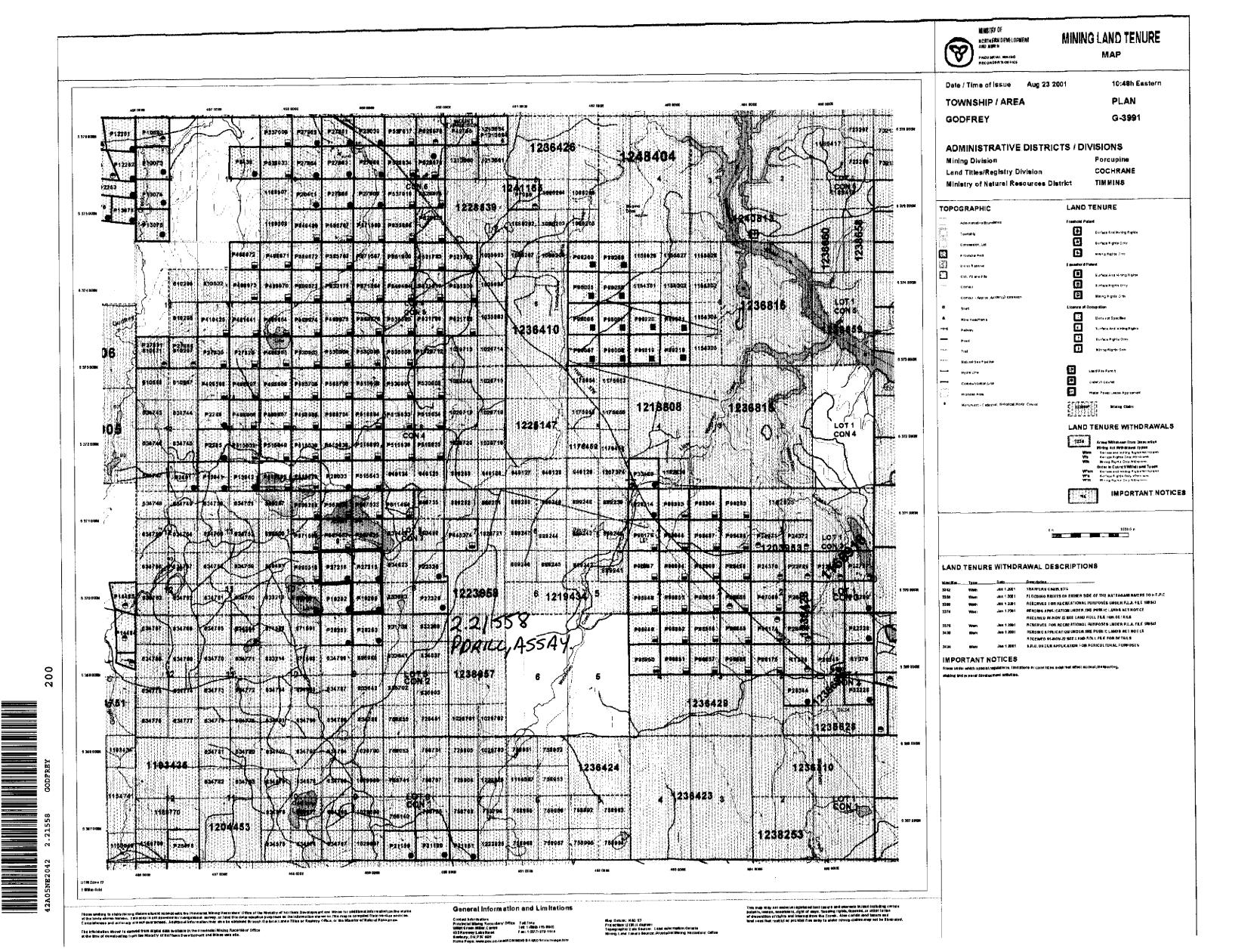
**Prospectors Alliance Corporation** 

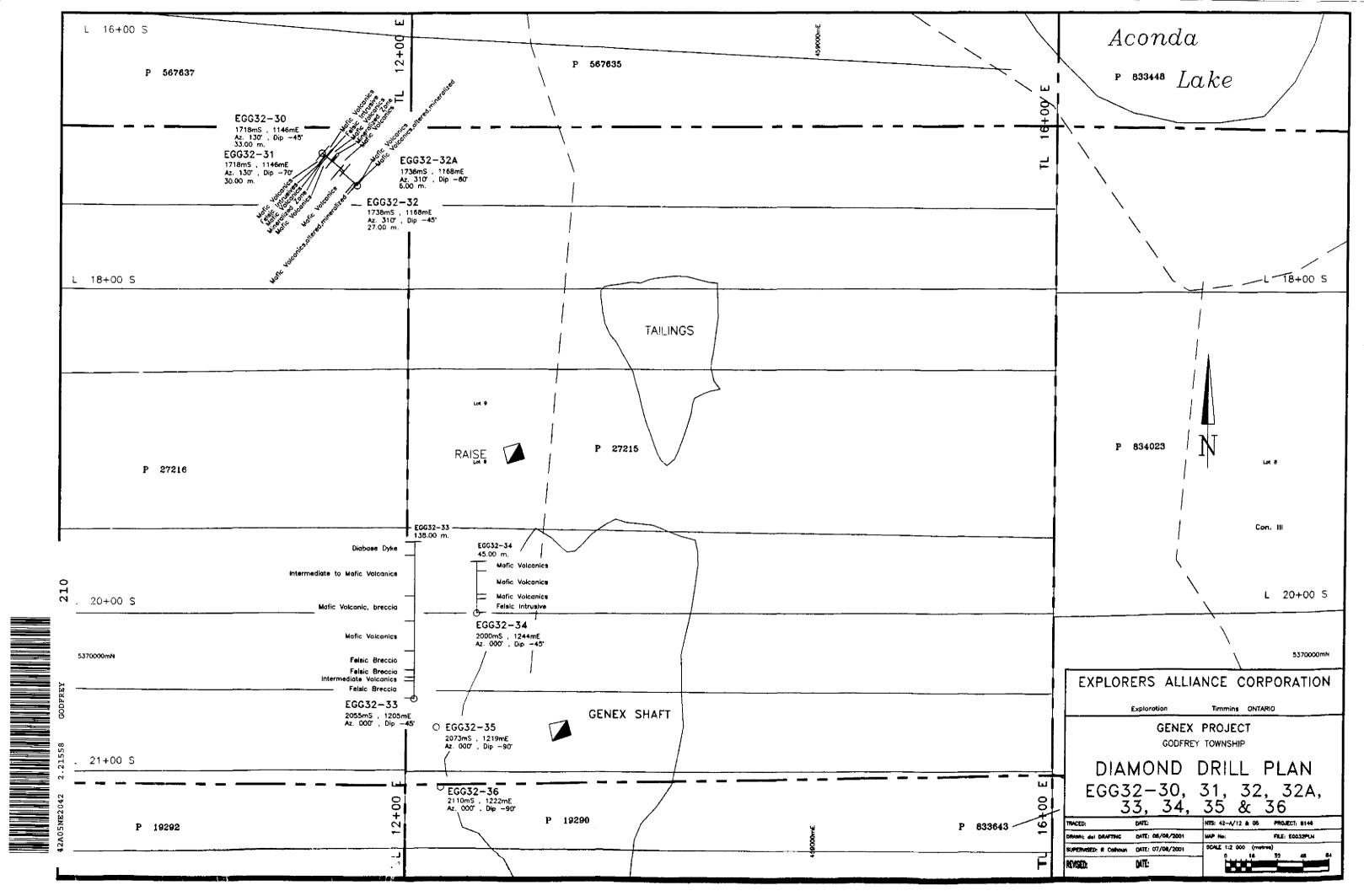
(Claim Holder)

Assessment File Library

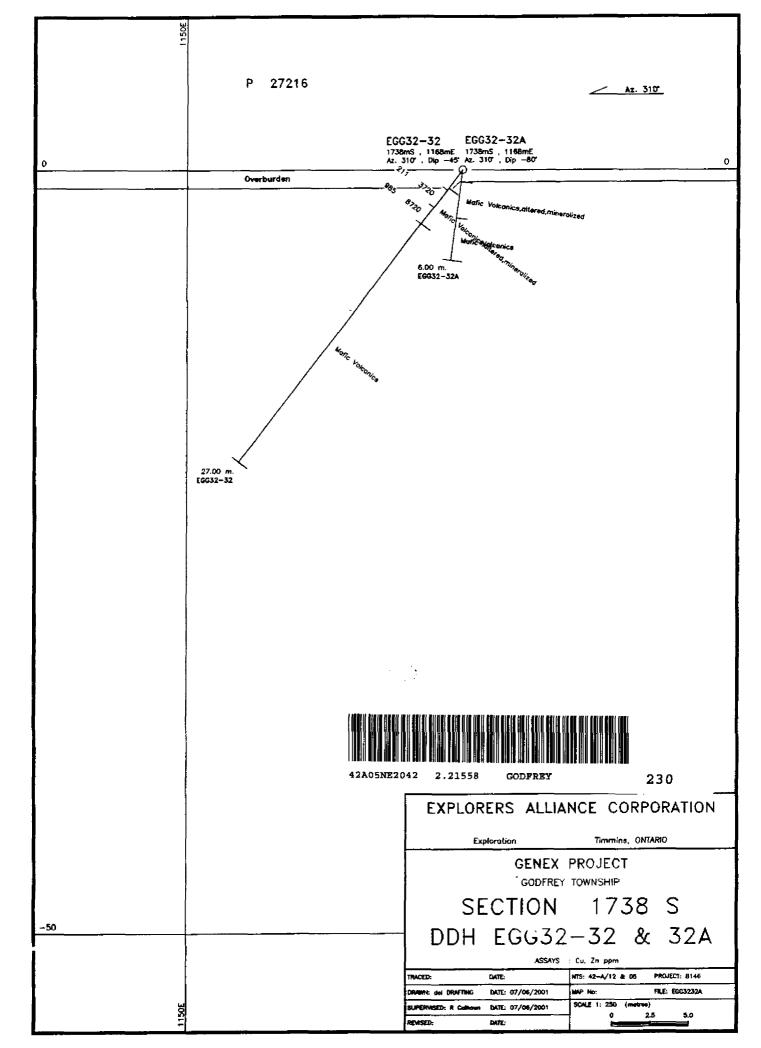
Falconbridge Limited (Claim Holder)

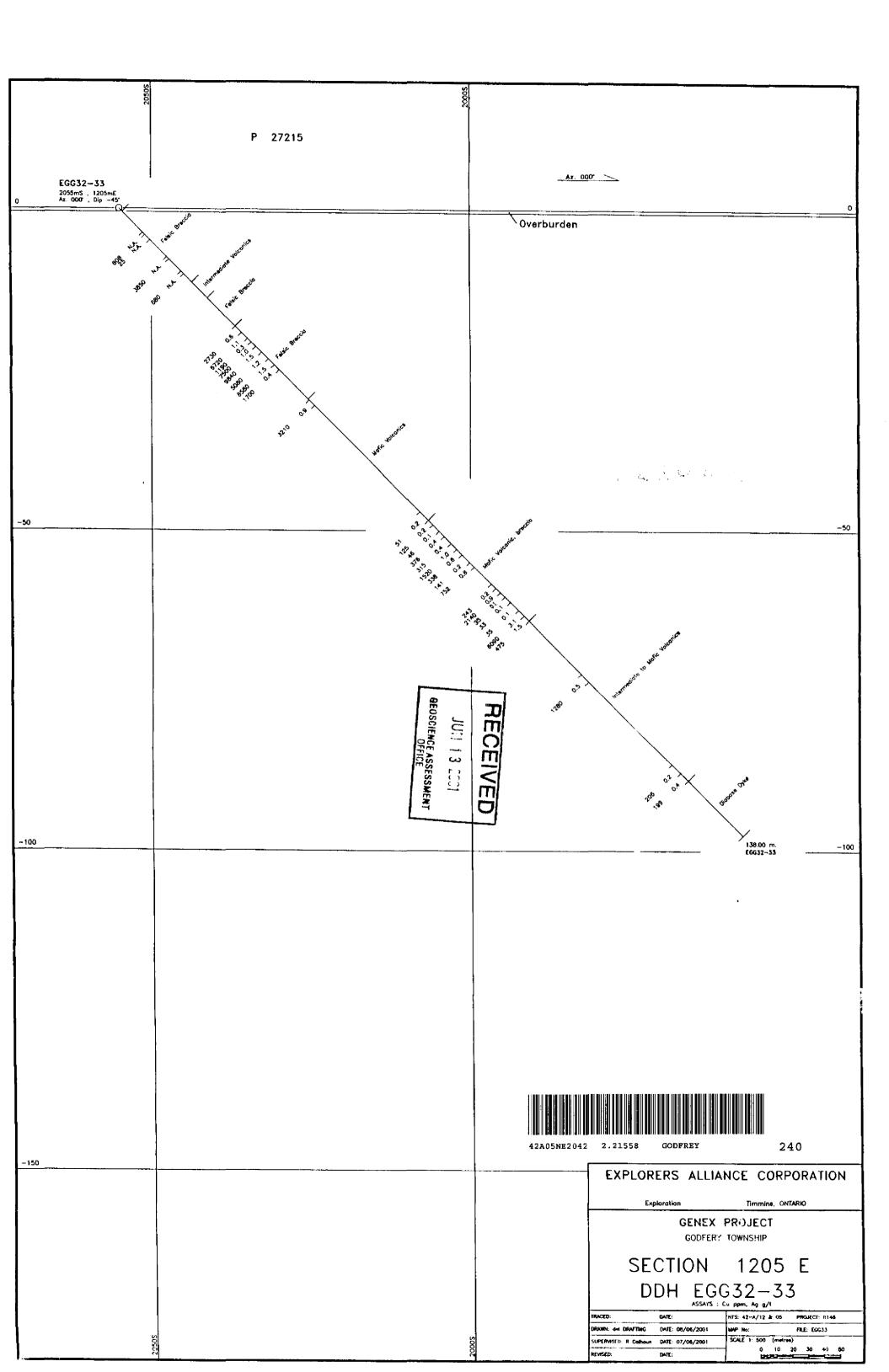
**Prospectors Alliance Corporation** (Assessment Office)

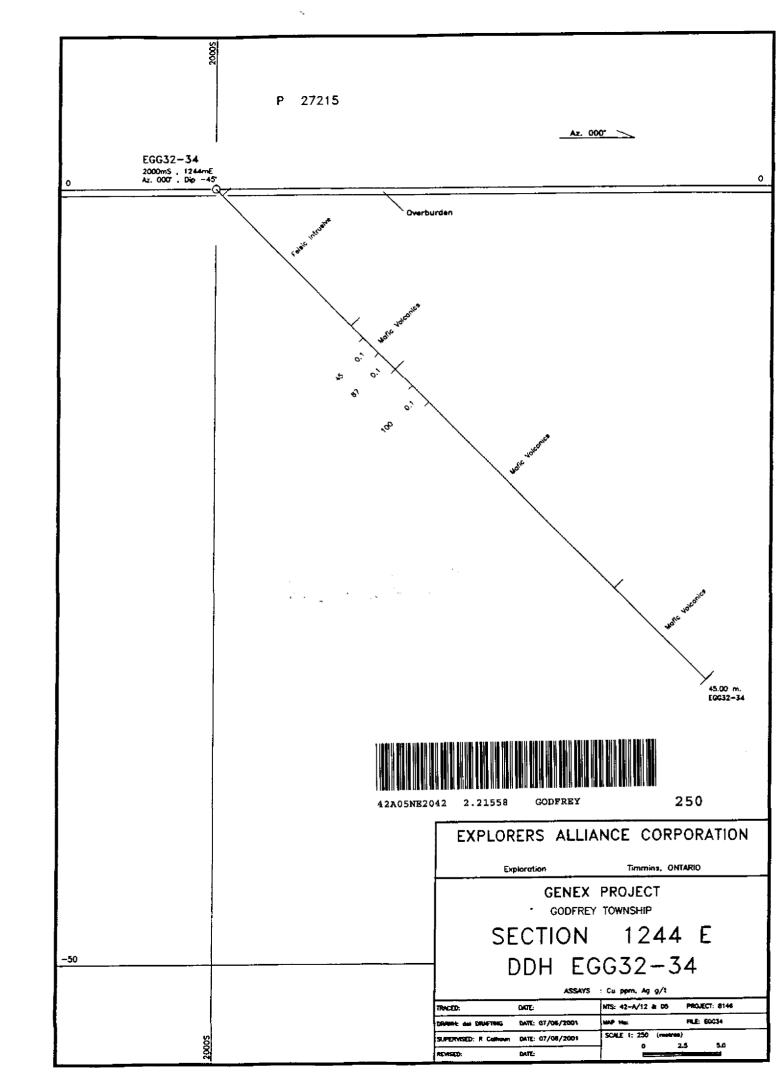


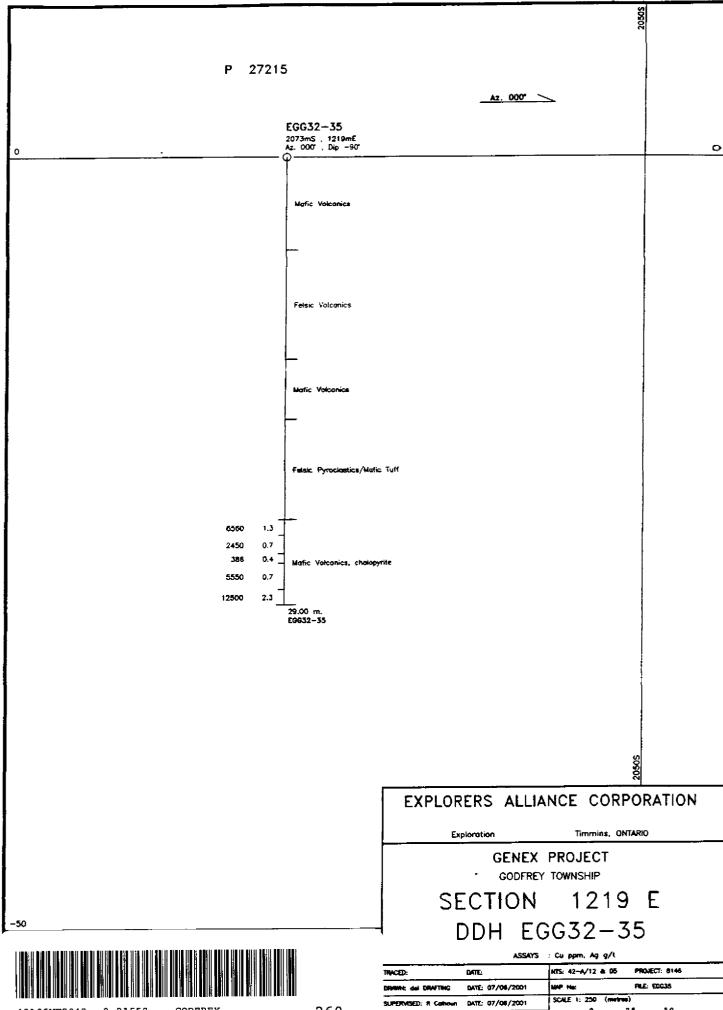


P 27216 Az. 130' 🥆 EGG32-30 EGG32-31 1718mS , 1146mE 1718mS , 1146mE Az. 130' , Dip -70' Az. 130' , Dip -45 Overburden 384 2110 J 31600 28000 J water Volconics 33.00 m. EGG32--30 30.00 m. EGG32-31 8,51558 **EXPLORERS ALLIANCE CORPORATION** Timmins, ONTARIO Exploration **GENEX PROJECT** GODFREY TOWNSHIP SECTION 1718 S DDH EGG32-30 & 31 ASSAYS : Cu, Zn ppm TRACED: DATE: NTS: 42-A/12 & 05 PROJECT: 8146 DRAWN: del DRAFTING MAP No: DATE: 07/06/2001 FILE: BGG3031 SCALE 1: 250 SUPERMISED: R Colhoun DATE: 07/06/2001 220









42A05NE2042 2.21558

GODFREY

260

DATE: REVISED:

