



42A12NE0660 13 BYERS

010

Township of BYERS

Report No: 13

Work performed by: Cominco Limited

Claim No	Hole No	Footage	Date	Note
P 299060	B2-72	70'	June/72	
P 299058	B3-72	263'	June/72	
	B7-72	350'	Aug/72	
	B14-72	387'	Aug/72	
	B15-72	345'	Aug/72	
P 299057	B-18-72	221'	Sept/72	

Notes:

ATTACHMENT "B"

D.D.H.: B2-72

Commenced: 10th June, 1972  
 Completed: 11th June, 1972  
 Collar Dip: -50°  
 True Bearing: 50°  
 Length: 70'  
 Coordinates: 5.9 + 00S/2 + 55'W  
 Location: 1715'S and 250'W of #1 of P299060

D.D.H.: B7-72

Commenced: 17th August, 1972  
 Completed: 19th August, 1972  
 Collar Dip: -60°  
 True Bearing: 225°  
 Length: 350'  
 Coordinates: 4 + 75'W/2 + 65N (Detail grid)  
 Location: 400'S and 840'W of #1 of P299058

D.D.H.: B14-72

Commenced: 26th August, 1972  
 Completed: 27th August, 1972  
 Collar Dip: -60°  
 True Bearing: 225°  
 Length: 387'  
 Coordinates: 4W/3N (Detail Grid)  
 Location: 420'S and 770'W of #1 of P299058

D.D.H.: B3-72

Commenced: 11th June, 1972  
 Completed: 13th June, 1972  
 Collar Dip: -60°  
 True Bearing: 227°  
 Length: 263'  
 Coordinates: 5 + 20'W/2 + 35N (Detail Grid)  
 Location: 100'S and 800'W of #1 of P299058

D.D.H.: B15-72

Commenced: 30th August, 1972  
 Completed: 1st September, 1972  
 Collar Dip: -46°  
 True Bearing: 225°  
 Length: 345'  
 Coordinates: 6W/3 + 50N (Detail Grid)  
 Location: 250'S and 800'W of #1 of P299058

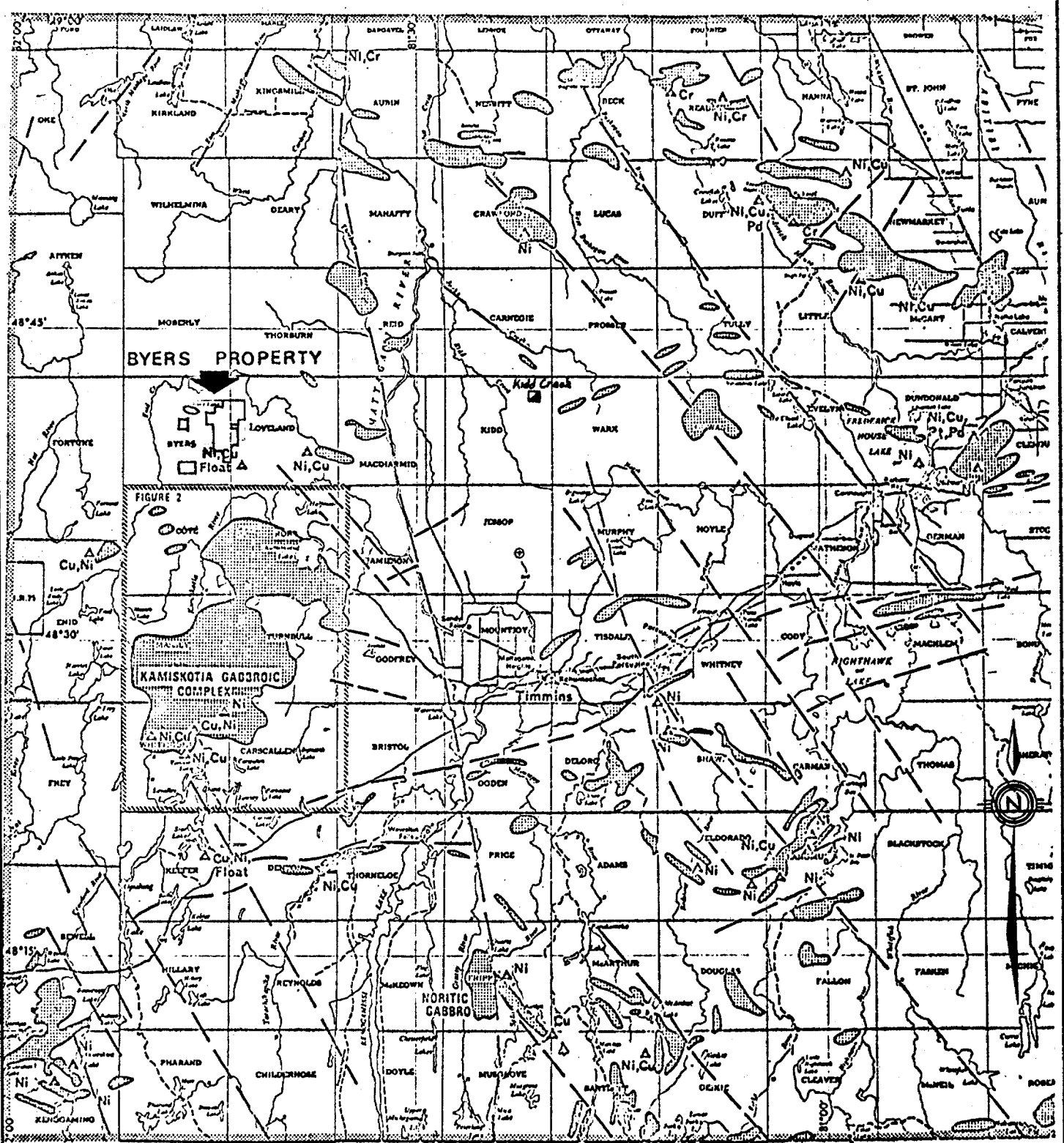
D.D.H.: B18-72

Commenced: 28th August, 1972  
 Completed: 6th September, 1972  
 Collar Dip: -60°  
 True Bearing: 270°  
 Length: 221'  
 Coordinates: 12S/12W  
 Location: 1170'N and 1200'W of #2 of P299057

The core size was AQ for holes B7-72, B14-72, B15-72, B18-72 and AX for holes B2-72 and B3-72. The contractor was Bradley Bros. - Timmins, Ontario for all the above holes.

#95  
 Buyers a  
 LOUISIANA  
 COMMUNCO LTD.

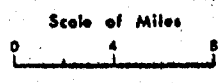
*Toronto*



**EXPLANATION**

- Peridotite, pyroxenite, dunite and gabbro.
- Assumed faults and lineaments.

- Cu .....Copper
- Pt .....Platinum
- Ni .....Nickel  
(pentlandite, millerite, heazlewoodite)
- Cr .....Chromium
- Pd .....Palladium



DDMNA 4962 b



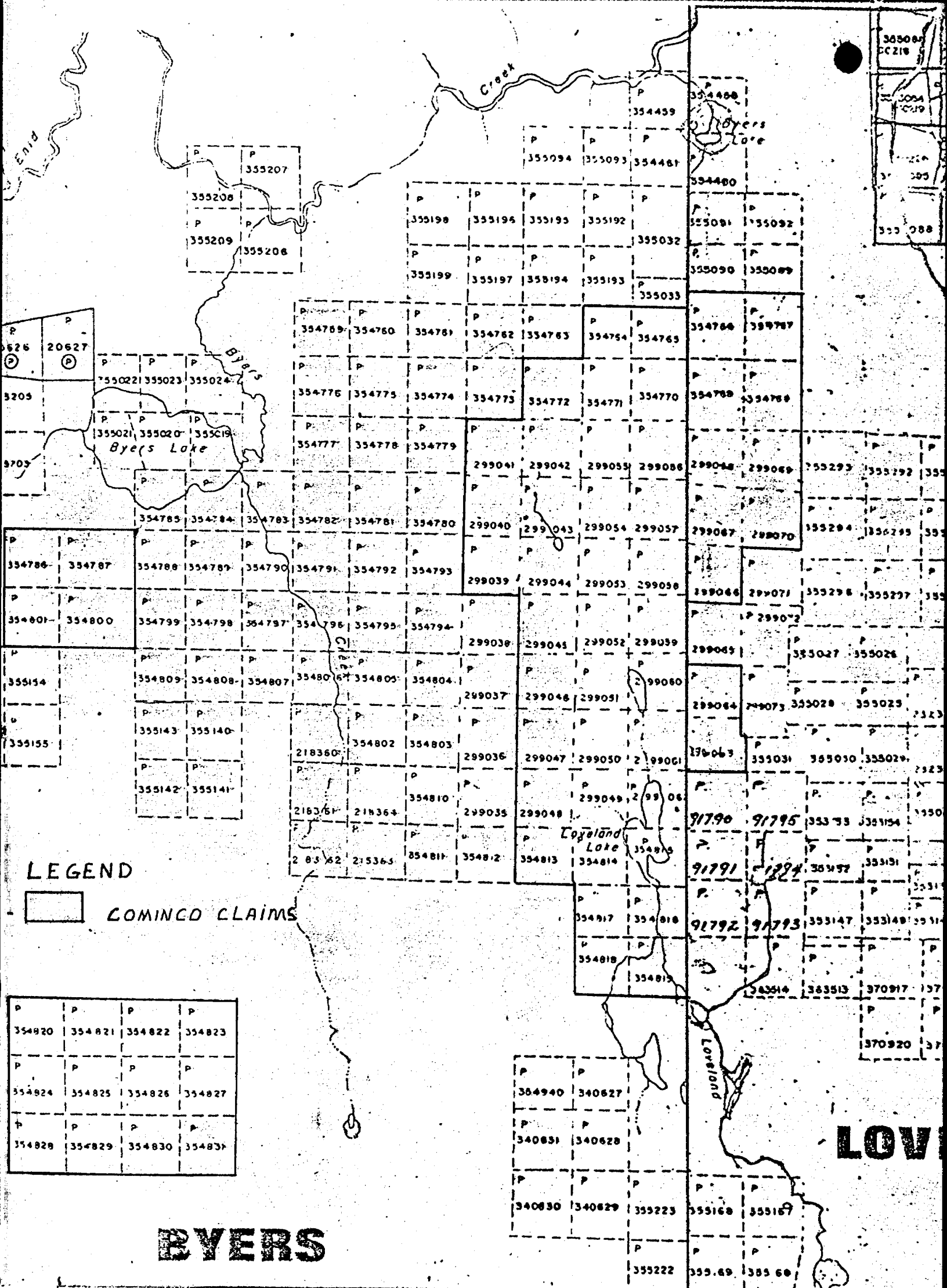
Drawn by. <i>MERD</i>		Traced by:	
Revised by	Date	Revised by	Date

**BYERS PROPERTY  
LOCATION PLAN**

Scale: 1" = 8 Miles

Date: 4-12-72

Plate: 1



LEGEND

COMINCO CLAIMS

P	P	P	P
354820	354821	354822	354823
P	P	P	P
354824	354825	354826	354827
P	P	P	P
354828	354829	354830	354831

BYERS

LOW



Drawn by: M&D	Traced by:
Revised by   Date	Revised by   Date

BYERS PROPERTY CLAIM PLAN

Scale: 1" = 1/2 mile

Date: 2-5-73

Plate: /



## Drill Hole Record



Property BYERS District TIMMINS Hole No. B - 3  
 Commenced June 11, 1972 Location Byers Twp. Tests at 215 Hor. Comp. 130'  
 Completed June 13, 1972 Core Size AX Corr. Dip -60° Vert. Comp. 228'  
 Co-ordinates Line 201, Stn. 6+60E, 5+20W, 2+35N (Detail grid) True Brg. 227° Logged by BE, MERD  
 Objective To test for sulphide mineralization of Anomaly "B" % Recov. Date

 Claim P 799 058  
 T Brg. 227°

Collar Dip -60°

Elev. 263

Length

 Hole No. B-3  
 Sheet 1

Footage From To	Description	Sample No.	Length	Analysis	
				Cu	NI
0 - 22	Overburden (Sand, Clay)				
22 - 42	Contact Zone (chilled margin of gabbro?) gray-greenish grey, fine grained, fractured, mineralized with pyrrhotite in blebs each 3-5 mm slix, and finely disseminated pyrrhotite throughout, pentlandite (?), chalcopryite with calcite or calcite only as fracture filling up to 5 mm in width. Possibly finely disseminated chalcopryite throughout. Foliation (jointing) at 45° to core axis. Sulphide mineralisation 5% combined. From 22-27 prevalence of garnet (almandite) crystals up to 4 mm dia.				
42 - 44	Biotite Gneiss - grey, medium grained. Schistosity from 0 - 45 to core axis				
44 - 48	Irregular contact between biotite gneiss and gabbro.				
48 - 198	Gabbro - grey green, generally medium grained with occassional fine grained phases. Chlorite alteration of hornblende. Well mineralized throughout 15% combined pyrrhotite and chalcopryite (12% op or 2.3% cpo, pentlandite?). Frequent massive layers of po up to 3" thick. 50' - 75' interstitial mineralization about 20% combined.				

Scale 1:100  
Colour Plot & Dips

# Drill Hole Record



Property	BYERS	District	TIMMINS	Hole No.	B-3
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. B-3  
Sheet 2

Footage From To	Description	Sample No.	Length ft	Analysis					
				Cu	Ni				
48 - 198	75 - 100' mineralisation lower at probably 10% combined.								
	100.3 - 100.6 lense of white to grey medium grained granite.								
	104.11 - 105.3 "								
	109.6 - 110.0 "								
	115.1 - 116.6 "								
	Mineralisation improves in grade from 99' - 155' total grade 15%.								
	166' Mineralisation decreases to 10%	AB3-39	5.00	0.320	0.19				
		40	4.00	0.330	0.52				
		41	3.00	0.300	0.13				
198 - 203.6	Fracture Zone - contact at 35° to core axis with gabbro as above. Possible fault filled with brecciated massive white quartz.								
203.6 - 237	Gabbro - dark green, medium grained, mottled texture. Poorly mineralized with pyrrhotite (5%) no visible chalcopryrite or nickel sulphides.								
237 - 257	Contact Zone - chloritized, feldspathic massive equi-granular quartz unit, light grey								
257 - 263	Meta-Andesite - grey - grey green, feldspathic layers 2-3 mm thick. Foliated at 45° to core axis.								
263	End of Hole.								

Endorsed: *Audie D. Smith*

# Drill Hole Record



Property	BYERS	District	TIMMINS	Hole No.	B7-72
Commenced	17th August, 1972	Location	BYERS TWP.	Tests at	300'
Completed	19th August, 1972	Core Size	AQ	Corr. Dip	60°
Co-ordinates	L4+75'W, 2+65'N (Detail grid); 400'S & 840'W of #1 of P299058			True Brg.	225°
Objective	To test anomaly 'B'			% Recov.	98%
				Hor. Comp.	175'
				Vert. Comp.	60°
				Logged by	MERDE
				Date	19th August, 1972

Claim P299058  
T Brg. 225°  
Collar Dip -60°  
Elev.  
Length 350'  
Hole No. B7-72  
Sheet

Footage From To	Description	Sample No.	Analysis		
			Length ft	Cu %	Ni %
0'0" - 25'6"	Overburden; sand, clay, till				
25'6" - 90'6"	Metavolcanics - Green grey meta andesite with biotite and feldspar rich zones. Amphibolitic phases present. Mineralization 0.1% sulphides.				
34'0" - 40'9" -& 44'4" - 45'7"	Pink coarse to pegmatitic granite				
45'7" - 64'0"	Altered feldspar rich andesite - Parts not unlike B6 (25'0"-152'9") but feldspars smaller	3186	5.000	0.010	0.055
64'0" - 90'6"	Dark grey green andesite	3187	5.000	0.012	0.072
	Grey medium grained granite veinlets occur between 66'1"-66'6", 67'0"-67'2", 67'9"-68'11", 69'2"-69'4", 81'7"-82'3", 82'9"-83'1", 84'2"-86'8", 86'11"-87'10", 88'0"-88'5"				
90'6" - 281'4"	Green grey fine to coarse grained Gabbro heavily mineralized in part. Thin veins throughout but more commonly at edges. Fine grained phases in lower half of gabbro body. Mineralization from 90'6"-142'9"=15-20%; 142'9"-281'4"=1% Numerous xenoliths of unmineralized gabbros in well mineralized zones.				
90'6" - 94'7"	Green grey fine graind Gabbro - 6% pyrrhotite, 4% chalcocopyrite	3101	4.080	0.950	0.56
94'7" - 17'10"	Gabbro 24% pyrrhotie, 1% chalcocopyrite				
97'10" - 98'4"	Gabbro 0.5% chalcocopyrite.	3102	3.750	0.280	0.77
98'4" - 100'11"	Massive sulphides. Pyrrhotite, pyrite and minor chalcocopyrite. Total of 80% sulphides and 20% gabbro at 15% combined. Of the 80% sulphides: 70% is pyrrhotite, 8% pyrite and 2% chalcocopyrite.	3103	2.580	0.134	0.30
100'11" - 102'8"	18% pyrrhotite, 2% chalcocopyrite	3104	2.080	0.601	0.30
102'8" - 104'10"	Grey medium grained granite - 1" massive pyrrhotite between 102'11" - 102'0". Top and bottom contact dip at 60° and 35° to C.A. respectively.				



# Drill Hole Record



Property	BYERS	District	Hole No.	B7-72
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
					B7-72	2

Footage From	To	Description	Sample No.	Length	Analysis							
	104'10"	- 122'0"			7% pyrrhotite, 1% chalcopyrite							
	122'0"	- 126'0"			0.5% sulphides							
	126'0"	- 128'5"			Grey coarse grained granite with a 1" wide inclusion of mineralized gabbro							
	128'5"	- 142'9"			13% pyrrhotite, 2% chalcopyrite							
	142'9"	- 153'9"			1% sulphides							
	153'9"	- 154'4"			5% sulphides							
	154'4"	- 161'6"			1% sulphides as occasional blebs							
	161'6"	- 162'1"			5% sulphides							
	162'1"	- 178'4"			1% sulphides							
	Sampled between 90'6" to 142'9" which includes 4.25 feet of granite											
	Dark green grey fine grained phases of gabbro generally poorly mineralized (0.1%) occur from											
	178'4"	- 182'5"	180'0"	- 190'2"	194'6"	- 201'9"	215'3"	- 216'5"	228'6"	- 229'6"	& 239'8"	- 243'2"
	245'3"	- 247'7"	Grey medium grained granite									
	249'5"	- 249'7"	10% sulphides									
	274'2"	- 276'4"	fine grained dark green grey gabbro									
	281'4"	- 291'4"	Grey medium grained granite.									
	291'4"	- 341'9"	Metavolcanics - Green grey meta andesite with highly chloritized zones. Mineralization 1%									
	Grey medium grained granite veins occur from 294'9"-300'11", 304'1"-315'9", 317'9"-319'7"											
	323'7" - 332'1", 339'7"-340'8". Contact variable from 35°-70°.											
	334'8" - 339'7" fine grained green diorite.											
	341'9"	- 350'0"	Grey medium grained granite									
End of Hole												

Endorsed: *Andri Bullitt*

Scale 1:246  
Colour Plot & Dips

# Drill Hole Record



Property	BYERS	District	TIMMINS	Hole No.	B14-72
Commenced	26th August, 1975	Location	BYERS TOWNSHIP	Tests at	300'
Completed	29th August, 1975	Core Size	AQ	Corr. Dip	59°
Co-ordinates	L4W, 3N (Detail Grid); 420'S & 770'W of #1 of P299058		True Brg.	225°	Logged by MERD
Objective	To test strike continuity of anomaly 'B' to the south		% Recov.	98%	Date 30th August, 1975

Claim	P299058
T Brg.	225°
Collar Dip	-60°
Elev.	
Length	387'0"
Hole No.	B14-72
Sheet	1

Footage From To	Description	Sample No.	Length	Analysis
0'0" - 37'0"	Overburden - sand clay and boulders of oliabase, andesite and granite. Trouble in settling in the casing. Cemented hole to 47'.			
37'0" - 199'0"	light green grey to dark green grey meta andesite with siliceous and chloritic and feldspar rich zones. Dykes of granite and diabase present. Generally very poor mineralization 0.1% sulphides. Generally fairly massive. Where foliated - 45° to C.A.			
37'0" - 48'2"	Green grey to dark green grey meta andesite with creamy feldspar rich veins. 0.1% sulphides.			
48'2" - 50'7"	Grey medium grained granite. Top and bottom contacts-broken and 20° resp.			
50'7" - 74'0"	Green grey met andesite - Broken between 60'-63'. 0.1% sulphides. From 64' white feldspar and quartz amygdales. Siliceous bands between 68'1"-68'3"; 71'6"-71'7". Feldspar rich alteration (?) zone between 64'10"-66'0".			
74'0" - 82'11"	Green grey metandesite with occasional bleb of pyrrhotite (275'11"). Top contact 55° to C.A.			
82'11"- 86'4"	Grey medium grained granite - bottom 8" recrystalized. Bottom contact 45° to C.A.			
86'4" - 115'0"	Light green grey fairly massive metandesite grading into next unit. 0.5% sulphides as disseminated pyrrhotite. Between 91'4"-91'8". Granite vein, Top and bottom contacts 40° & 45° resp. Feldspar veins between 108'10"-109'5" and 110'1"-113'1".			
115'0" - 130'11"	Light green grey to green grey metaandesite with irregular patchy altered feldspar - fairly massive.			

# Drill Hole Record



Property	BYERS	District	Hole No.	B14-72
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. B14-72	Sheet 2
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Footage From	To	Description	Sample No.	Length	Analysis						
	130'11 - 139'0"	Grey more chloritic and schistose andesite. Between 136'6" - 139'0" contact zone with granite; ± 3% pyrrhotite on shear planes. Bottom contact 60° to CA.									
	139'0" - 148'1"	Dark grey medium grained granite. Bottom contact 80° to C.A.									
	148'1" - 151'6"	Dark green grey chloritic metaandesite.									
	151'6" - 156'9"	Grey medium to coarse grained granite subparalleling core.									
	156'9" - 157'6"	Dark green grey chloritic metaandesite with white feldspar phenocrysts.									
	157'6" - 159'8"	Dark green fine grained diabase. Top and bottom contacts 60° & 25° resp. to C.A.									
	159'8" - 160'4"	Grey medium grained granite. Bottom contact 25° to C.A.									
	160'4" - 161'4"	Green grey chloritic meta andesite. Bottom contact 30° to C.A.									
	161'4" - 165'3"	Grey fine to medium grained granite. Bottom contact 30° to C.A.									
	165'3" - 167'0"	Green grey chloritic metaandesite with white feldspar phenocrysts. Bottom contact 35°									
	167'0" - 168'8"	Grey medium grained altered granite. Bottom contact 10° to C.A.									
	168'6" - 171'7"	Green grey chloritic meta andesite with white feldspar phenocrysts. Bottom contact irregular									
	171'7" - 172'2"	Grey fine grained granite.									
	172'2" - 176'3"	Grey siliceous and hard meta andesite. Foliations 45° to C.A.									
	176'3" - 176'11"	Grey medium grained granite - Contact ± 45°									
	176'11" - 179'1"	Green grey chloritic meta andesite with feldspar phenocrysts.									
	170'1" - 197'6"	Grey to dark grey siliceous metanandesite grading at 187' into a more chloritic andesite. Massive looking. Pink garnet crystal aggregates common. All andesite above 197'6" - 0.1% sulphides.									

## Drill Hole Record



Property BYERS District \_\_\_\_\_ Hole No. B14-72  
 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	
	197'6" - 199'0" Fault zone - 10° to C.A. Slight brecciation, heavily sheared.								
199' - 233'5"	Meta Gabbro ? Green grey medium grained with slight mineralization - overall 2%								
	199'0" - 202'6" Green grey chloritic and feldspar meta gabbro. 5% pyrrhotite and chalcopyrite								
	202'6" - 205'4" Green grey fine grained gabbro. 0.1% sulphides								
	205'4" - 213'6" Green grey chloritic meta gabbro with a band of feldspar phenocrysts in meta andesite between 209'11"-210'7" (top and bottom contact 50 & 45° resp.)								
	Overall mineralization 5% sulphides.								
	213'6" - 233'5" Green grey medium grained meta gabbro with 10% sulphides								
	Between 216'9" - 217'4" quartz and feldspar vein (top and bottom contacts 35° and 85° resp.).								
	Between 228'1" - 228'5", 6% pyrrhotite & 4% chalcopyrite								
	Bottom contact not all that clear cut but ± 45° to C.A.								
233'5"-387'0"	Light grey to green grey generally siliceous meta andesite with feldspar phenocrysts. Mineralization 0.1% sulphides.								
	233'5" - 242'6" Light green grey siliceous, fairly massive metaandesite. Slight foliation variable around 45° to C.A. Bottom contact 55° to C.A.								
	242'6" - 251'8" Dark green grey fine grained diabase.								
	251'8" - 292'3" Green grey (slight purple tinge) siliceous, hard and massive meta andesite with feldspar phenocrysts giving a white speckled effect. 0.1% sulphides.								
	Bottom contact with granite 90° to C.A. Between 262'2" - 263'1" and								
	272'1" - 272'5" grey medium grained granite - Contacts 60°-85° to C.A.								
	Between 288'4" - 290'11" dark green fine grained diabase (Top and bottom								

# Drill Hole Record



Property	BYERS	District	Hole No.	B14-72
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. B14-72	Sheet 4
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Footage From	To	Description	Sample No.	Length	Analysis							
		contacts 30° and 55° to C.A.)										
292'3"	322'6"	Grey to pink medium to coarse grained granite between 311'11" - 316'9" mixed zone of granite, diabase and meta andesit.										
322'6"	334'8"	Dark green fine grained tuff (?) with narrow siliceous zones and chloritic zones. Overall 2% pyrrhotite mostly on foliation planes.										
		Between 328'3"-328'8" 40% pyrrhotite as coarse grains, very minor chalcopyrite.										
		Dips between 328'3" - 328'8" variable from 45° - 80° to C.A.										
334'8"	378'6"	Continuation of above zone but more siliceous. To 346'6" 2% sulphides.										
		Between 346'6" - 350'6". Grey medium to coarse grained granite.										
		Mineralization mostly in chloritic sections (Still matrix?)										
378'6"	387'0"	Dark green meta andesite with siliceous zones. foliation 40° to C.A.										
		Slight mineralization 0.5%.										
END OF HOLE at		387'0"										

Endorsed: *André Bellat*

## Drill Hole Record



Property	BYERS	District	TIMMINS	Hole No.	B15-72
Commenced	August 30, 1972	Location	Byers Twp.	Tests at	250'
Completed	September 1, 1972	Core Size	AQ	Corr. Dip	52°
Co-ordinates	L6W, 3+50'N; 250'S, 880W of #1 of P299058			True Brg.	225°
Objective	To test northern strike continuity of anomaly 'B'			% Recov.	98%
				Hor. Comp.	244'
				Vert. Comp.	244'
				Logged by	MERD
				Date	September 7, 1975

Claim  
P299058T Brg.  
225°Collar Dip  
-45

Elev.

Length  
345'Hole No.  
B15-72  
Sheet  
1

Footage From To	Description	Sample No.	Length	Analysis
0'0" - 34'0"	Overburden; sand, clay, till			
34'0" - 212'3"	Green grey to dark green grey metandesite with chloritic and siliceous zones; foliations 35° - 45° to core axis. Mineralization from 0.1% - 0.5%. Thin granite dykes throughout.			
	At 55'0" micaceous crystals parallel foliation			
	75'0" - 77'10" Altered green grey medium grained granite with pink alteration along fracture planes. Top and bottom contacts ground.			
	79'10" - 81'0" Green medium grained diabase.			
	From 81'0" Metaandesite contains less micaceous crystals and is less chloritic with more small white feldspar phenocrysts present. Mineralization slight. 0.5%			
	From 88'0" Gradational into a dark grey green to black highly chloritic rock still with small white feldspar phenocrysts. Slight mineralization. 0.5%. Parts of this rock appears to still have a crystalline structure. From 110'10" - 114'4" overall mineralization 5% of remobilized pyrrhotite and chalcopyrite, in short sections up to 20%.			
	From 114'4" Rock becomes more andesite in character.			
	119'7" - 120'1" Grey medium-grained granite. Top and bottom contacts 30° & 40° resp.			
	122'1" - 122'9" Grey medium grained granite. Top & bottom contacts, irregular 7 75° resp.			
	123'7" - 124'5" Grey medium grained granite. Top & bottom contacts, 75 & 75° resp.			
	124'5" - 143'6" Green grey to dark green grey metaandesite with feldspar phenocrysts.			

# Drill Hole Record



Property	BYERS	District	Hole No.	B15-72	1/2
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. B15-72	Sheet 2
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Footage From	To	Description	Sample No.	Length	Analysis					
		0.1% sulphides. Between 126'10" - 126'10" and 129'11" - 139'8". Grey medium grained granite. Contacts vary from 45° - 70°.								
143'6"	158'0"	Green medium grained diabase with white feldspar phenocrysts. Between 153'7" - 153'11" - grey altered medium grained granite.								
158'0"	160'4"	Grey medium grained granite. Top and bottom contacts 35° and 65° resp.								
160'4"	186'10"	Green grey meta andesite with white feldspar phenocrysts giving speckled appearance. Mineralization poor - 0.1%. Between 163'8" - 164'8" - grey altered granite. At 175'8" blebs of chalcopryrite on foliation planes. Bottom contact 30° to CA.								
186'10"	202'4"	Green grey metandesite with chloritic bands 0.1% sulphides. Bottom contact 70°. Between 192.5" - 194.7" light grey medium to coarse grained granite. Top and bottom contacts 50° and 40° respectively. Between 200'0" - 200'8" grey fine grained granite. Bottom contact 60° to CA.								
202'4"	209'0"	Green grey to dark green grey fine grained Gabbro? Granite view between 207'6" - 208'0"								
209'0"	210'9"	Grey, purplish tinged siliceous andesite.								
210'9"	212'3"	Grey medium grained granite.								
212'3"	266'0"	Green grey to dark grey medium grained gabbro with finger grained and chloritic phases. Overall mineralization 10% as disseminate pyrrhotite (9%) and chalcopryrite 1%. Higher grade zones as remobilized sulphides. Occasional calcite veins.								
212'3"	219'3"	Green medium grained gabbro with large (1/2" diam.) white feldspar phenocrysts. 0.5% sulphides.								

# Drill Hole Record



Property	District	Hole No.	B15-72
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. B15-72	Sheet 3
-------	--------	------------	-------	--------	-----------------	---------

Footage From To	Description	Sample No.	Length	Analysis						
				Cu	Ni					
219'3" - 227'2"	Green grey medium grained gabbro. 5% sulphides									
227'2" - 233'11"	Dark green grey fine grained gabbro 5% sulphides									
233'11" - 236'11"	Grey medium grained granite. Bottom contact 45° to CA									
236'11" - 260'0"	Green grey to dark green grey chloritic gabbro with scattered hornblend/ chlorite crystals. From 245'0" 14% pyrrhotite and 1% chalcopryrite as remobilized sulphides on fracture planes.									
	Between 249'6" - 250'11" - grey coarse-medium grained granite with whalcopyrite rich thin veinlets on fracture planes extending from 249'6" - 249'10" and 250'7" - 250'11". Top and bottom contacts 20° and 22° respectively.									
	Between 254'6" - 254'9" massive (remobilized) pyrrhotite.									
	Between 255'4" - 257'9" grey medium to coarse grained granite. Top and bottom contact, ground and 20° respectively.									
260'0" - 262'1"	Tectonically deformed gabbro with shear planes varying from 35° - 90° to CA. Possible faulting occurs within this zone. 8% pyrrhotite and 2% chalcopryrite (remobilized). Top and bottom contacts 35° to CA									
262'1" - 266'0"	Relatively unaltered and undeformed gabbro. 10% pyrrhotite 2% chalcopryrite.									
266'0" - 345'0"	Green grey to grey meta andesite with chloritic and siliceous zones. Occasional pyrrhotite as discontinuous blebs.									



Scale 1:216  
 Colour Plot & Dips

# Drill Hole Record



Property	BYERS	District	Hole No.	B15-72
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. B15-12  
 Sheet 4

Footage From	To	Description	Sample No.	Length
	266'0" - 271'0"	Sheared grey meta andesite with interbedded thin (2") chloritic and siliceous bands. Pyrrhotite on foliation planes (5%) throughout. Foliation planes 35°-55° to CA.		
	271'0" - 272'9"	Major Fault. Tectonic breccia, vein quartz and recrystallized pyrite. Core very broken.		
	272'9" - 345'0"	Green grey meta andesite less banded and sheared than between 266'0" - 271'10". Occasional discontinuous pyrrhotite blebs on foliation planes. In parts this zone is siliceous. Foliation planes - 35°-45° to CA		
		Between 298'0" - 298'8", 306'10" and 312'10" - 313'6" finely disseminated pyrrhotite in green chloritic rich bands.		
		Between 316'0" - 319'6" grey banded metatuff (?)		
		END OF HOLE AT 345'		

Endorsed: *Andi Russell*

Scale 1:226  
Colour Plan & Dips

# Drill Hole Record

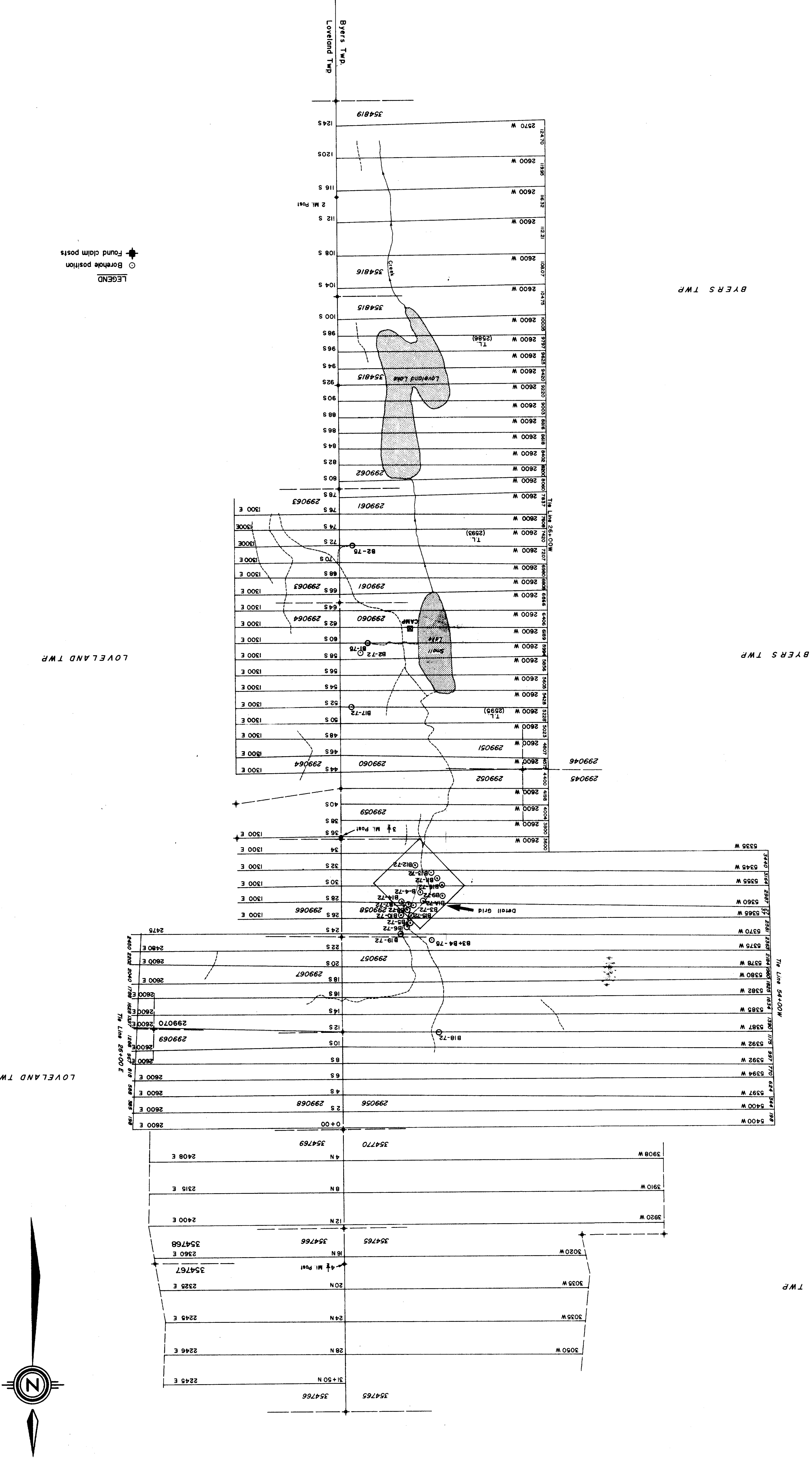


Property **BYERS** District **Timmins** Hole No. **B18-72**  
 Commenced **August 28, 1972** Location **Byers Township** Tests at **--** Hor. Comp. **110.6'**  
 Completed **September 6, 1972** Core Size **AQ** Corr. Dip **--** Vert. Comp. **192'**  
 Co-ordinates **L12S, 12W (400' grid); 1170' N & 1200' W of #2 of P299057** True Brg. **270°** Logged by **MERD**  
 Objective to test mag. & IP anomaly at **L12S, 13W** % Recov. **> 98%** Date **September 7, 1972**

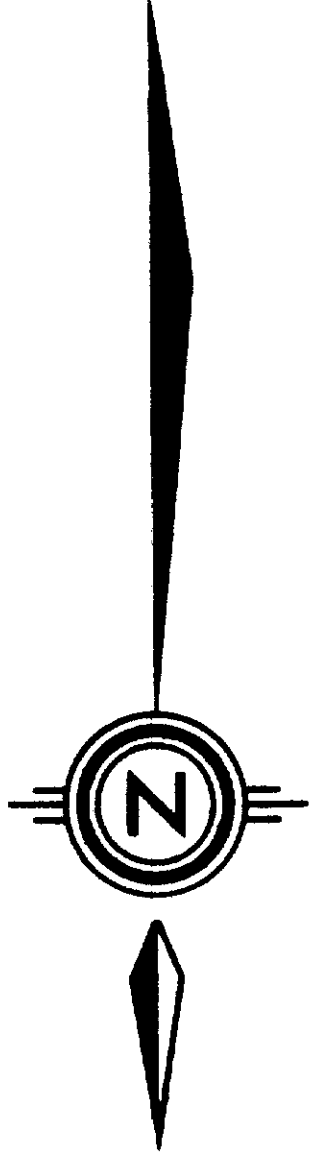
Claim **P299057**  
 T Brg. **270°**  
 Collar Dip **-60°**  
 Elev. **--**  
 Length **221'**  
 Hole No. **B18-72** Sheet **1 of 2**

Footage From To	Description	Sample No.	Length ft.	Analysis				
				% Cu.	% Ni.			
0' 52'	Overburden; Sand and Till Trouble in setting the casing - Bentonite used.							
52' 113' 9"	Green grey medium to fine grained gabbro-diorite with more feldspathic zones giving 'mottled' effect. Overall mineralization <2% with higher grade zones locally.							
52' - 65' 8"	Green grey medium to fine grained diorite <0.2% sulphides. Bottom contact 35°.	3222	7.00	0.011	0.033			
	Magnetic.	3223	6.67	0.010	0.045			
65' 8" - 71' 9"	Light green grey meta-andesite with white feldspar phenocrysts.	3224	6.08	0.011	0.01			
71' 9" - 92'	Green grey medium grained diorite with mottled feldspar effect. Overall <0.5% as chalcopyrite on fracture planes and occ. blebs. Between 88.7 and 88.9'	3225	5.00	0.01	0.019			
	interstitial pyrrhotite and chalcopyrite.	3226	5.00	0.01	0.048			
		3227	5.00	0.01	0.075			
92' - 96' 4"	Green grey fine grained gabbro. Bottom contact 45° to C.A.	3228	5.25	0.044	0.087			
96' 4" - 113' 9"	Green grey medium grained gabbro-diorite with <5% sulphides as finely disseminated chalcopyrite and minor pyrrhotite.	3229	4.33	0.012	0.016			
	Between 103'-107' - 10% sulphides	3230	5.17	0.20	0.12			
	Between 101' 5" - 103' - grey medium grained granite with pyrrhotite and chalcopyrite mineralization extending 1/2" into granite along fracture planes parallel with contact. Top contact 55° to C.A. Bottom contact ground. Bottom contact 55° to C.A.	3231	5.00	0.58	0.52			
		3232	5.75	0.23	0.12			
113' 9" 123'	Mixed zone of dark grey to green grey altered meta-andesite and diorite bands with chloritic and siliceous bands. Pyrrhotite along foliation planes common but overall mineralization <0.5% sulphides.	3233	9.25	0.014	0.023			





○ Borehole position  
 ◆ Found claim posts  
 LEGEND



**LEGEND**

SURVEY BY: SEIGEL & ASSOCIATES  
 INSTRUMENT: SCINTREX MARK VII (TIME DOMAIN)  
 ( 2.5 KW TRANSMITTER )

ARRAY: THREE ARRAY  
 POTENTIAL: [Symbol] CURRENT: [Symbol]  
 PLOTTING POINT: [Symbol]

EM CONDUCTORS  
 DEFINATE: [Symbol]  
 POSSIBLE: [Symbol]

100FT 100FT

— L-28 S

— L-32 S



7W

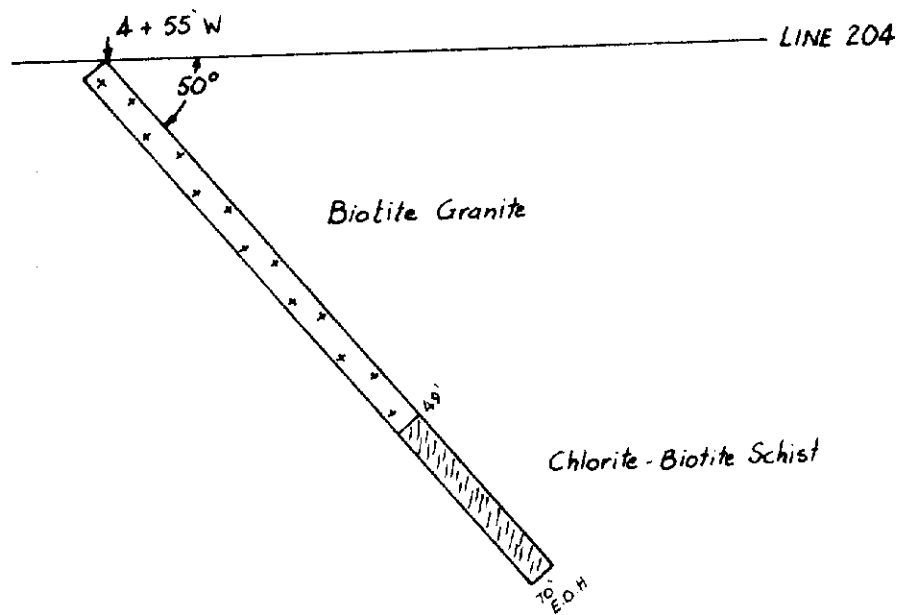
Drawn by: M.E.R.D.	Traced by: K.B.
Revised by	Date
Revised by	Date

**BYERS PROPERTY**  
 (DETAILED GRID)  
 IP THREE ARRAY

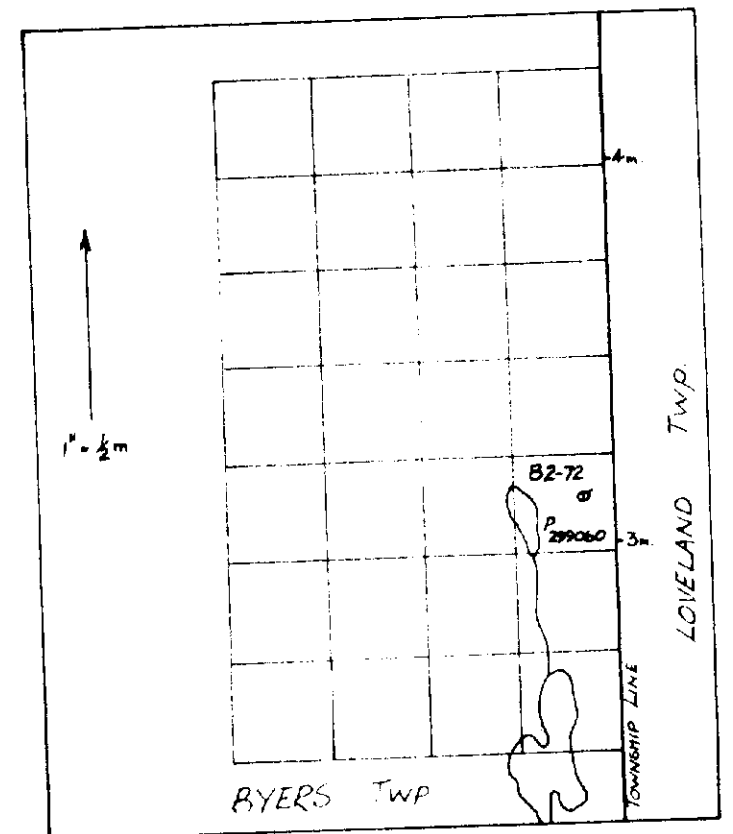
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42A12NE0660 13 BYERS

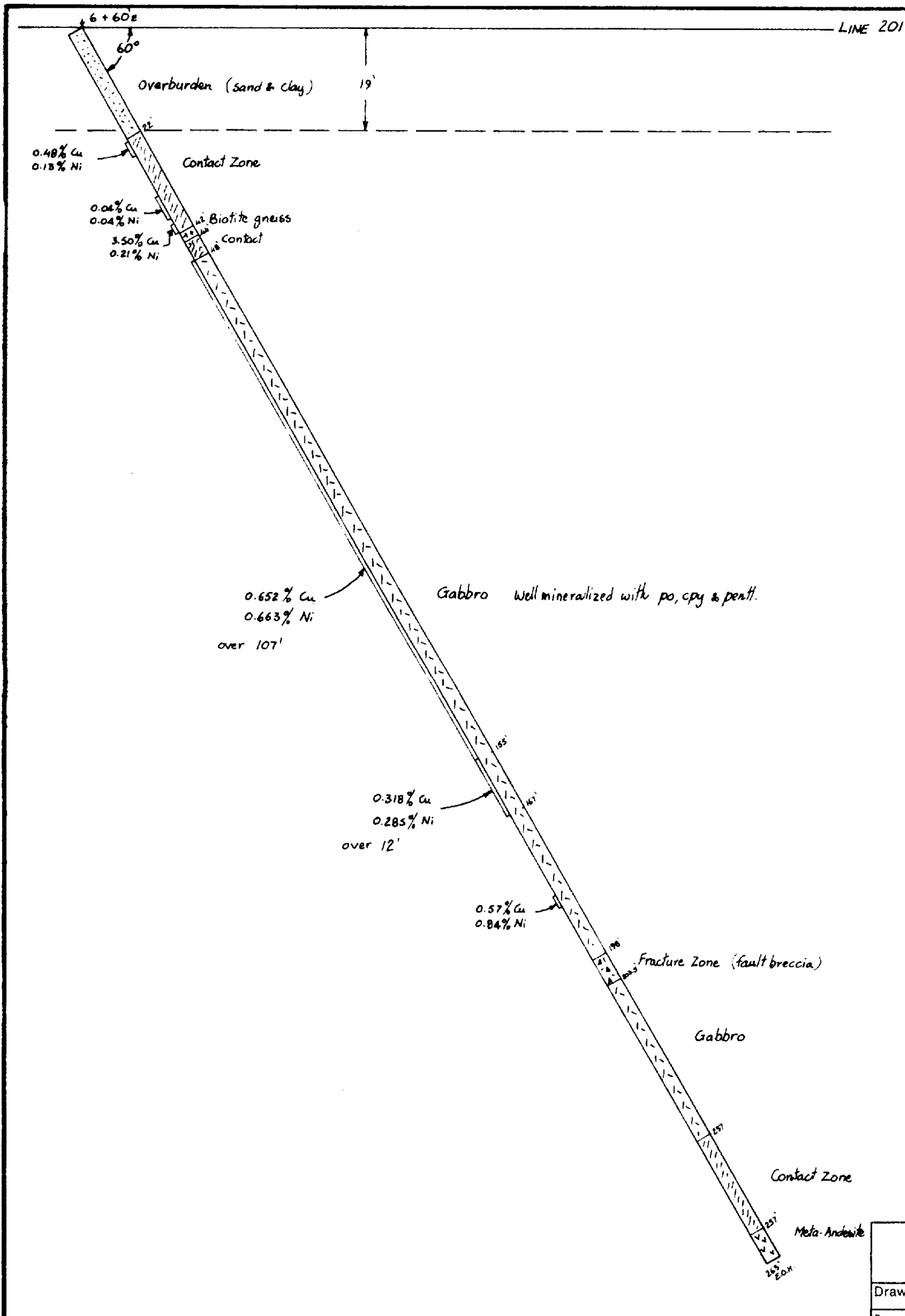


Borehole No	B 2-72
Property	BYERS
District	Timmins
Coordinates	6205, 250' W of #1, P299060
Commenced	10-6-72
Completed	11-6-72
Core Size	Ax
True Bearing	50°
Collar Dip	-50°
Final Depth	70'

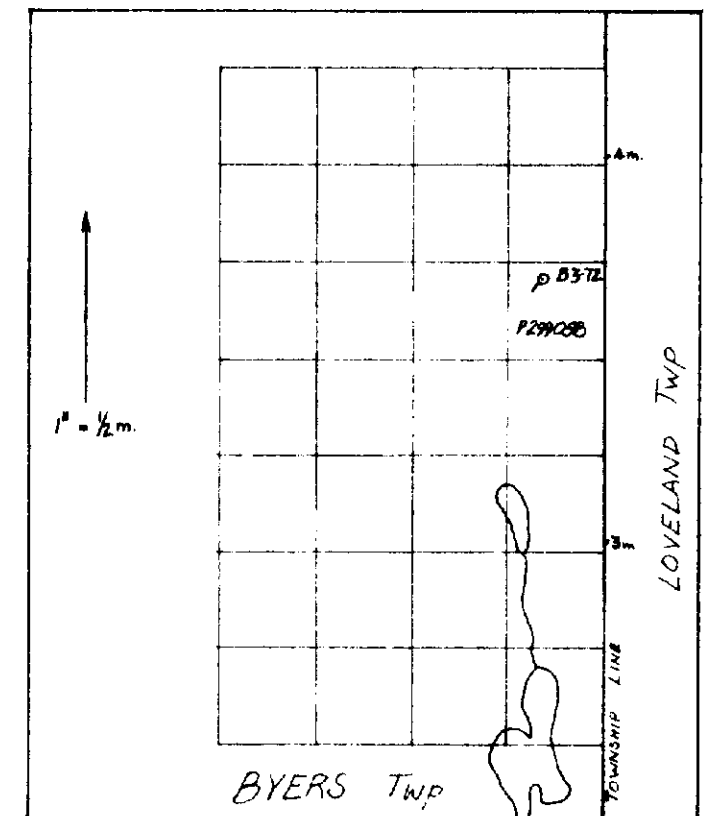


			
Drawn by:		Traced by:	
Revised by	Date	Revised by	Date
BYERS PROPERTY		D.D.H. B2-72	
Scale: 1" = 20'	Date: 24-7-72	Plate:	





Borehole No. B 3-72  
 Property BYERS  
 District Timmins  
 Coordinates 100's, 800' W of #1, P29905B  
 Commenced 11-6-72  
 Completed 13-6-72  
 Core Size Ax  
 True Bearing 227°  
 Collar Dip -60°  
 Final Depth 263'



42A12NE0660 13 BYERS

230

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date
BYERS PROPERTY		D.D.H. B 3-72	
Scale: 1" = 20'		Date: 24-7-72	Plate:

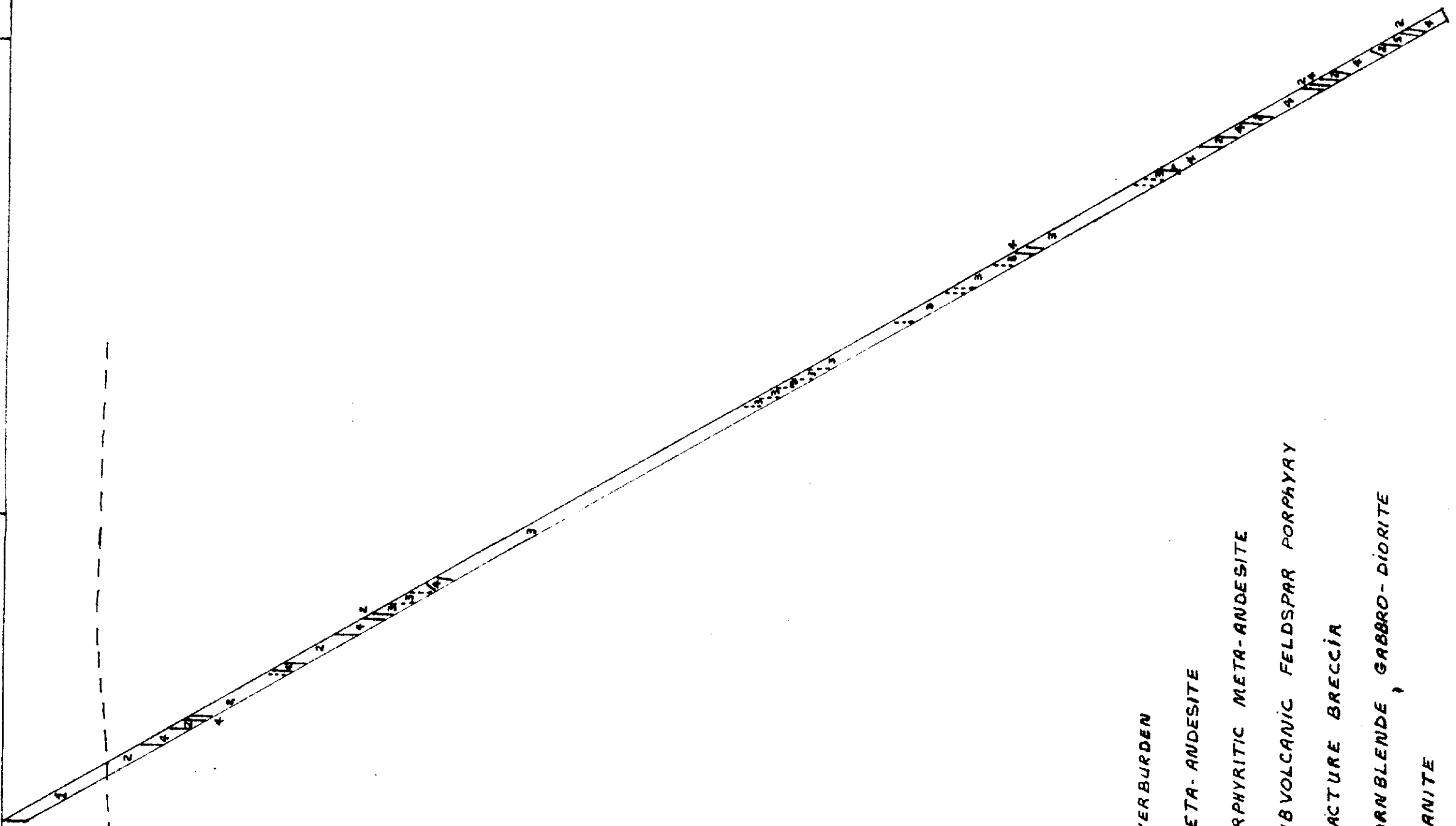
1N

2N

3N

SECTION LINE 4+75 W

B7-72



- 1 OVERBURDEN
- 2 META-ANDESITE
- 2a PORPHYRITIC META-ANDESITE
- 2b SUBVOLCANIC FELDSPAR PORPHYRY
- 2c FRACTURE BRECCIA
- 3 HORNBLENDE, GABBRO-DIORITE
- 4 GRANITE
- 5 DIABASE
- 6 MASSIVE SULPHIDES
- BOREHOLE
- f FAULT



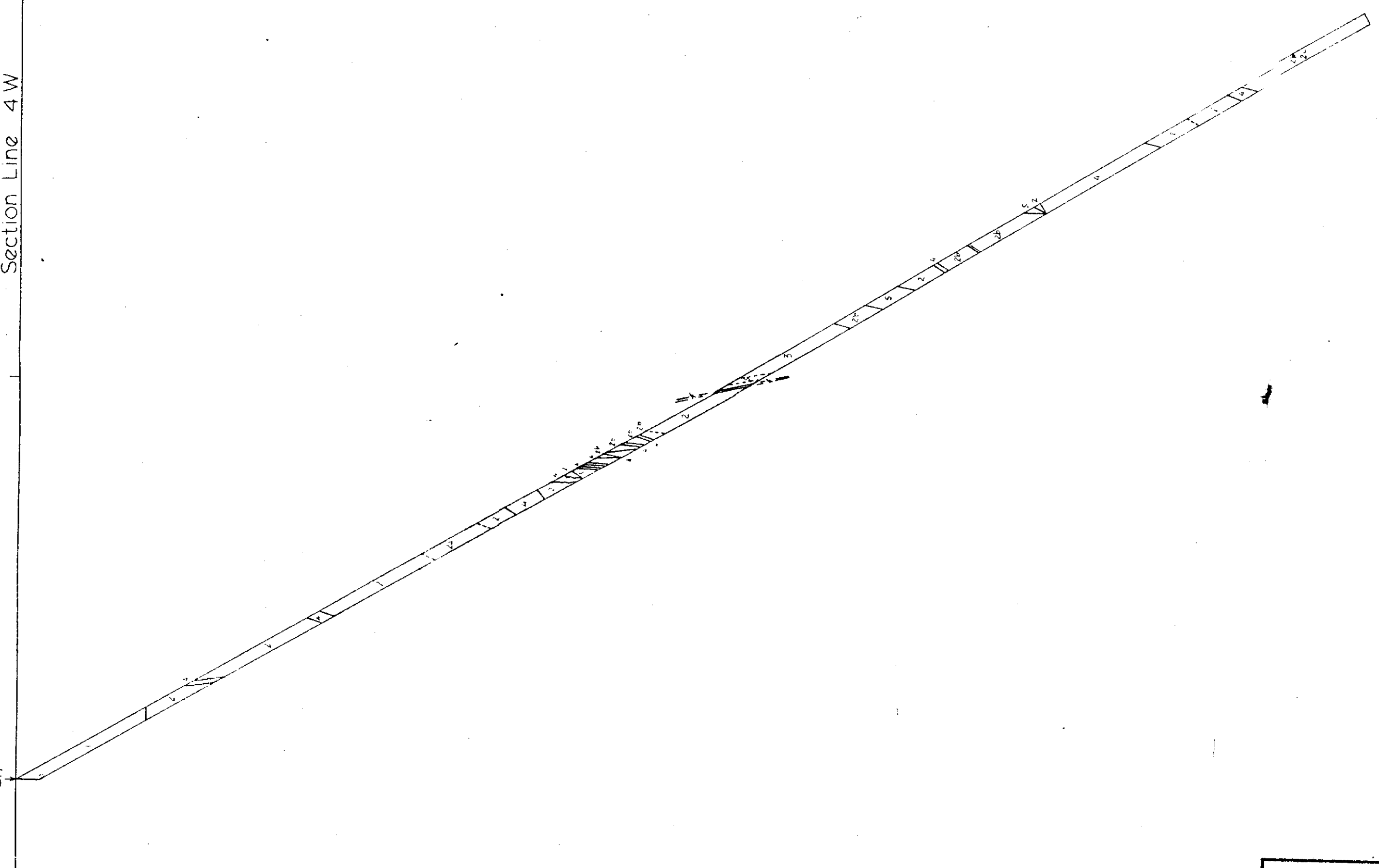
240

Drawn by: AJO		Traced by:		
Revised by	Date	Revised by	Date	
				BYERS PROPERTY SECTION of BOREHOLE B7-72 ALONG SECTION LINE 4+75 W
Scale: 1" = 25'		Date: 15-9-72		Plate:



3N | 2N | 1N | SW  
Section Line 4W

250  
N




LEGEND

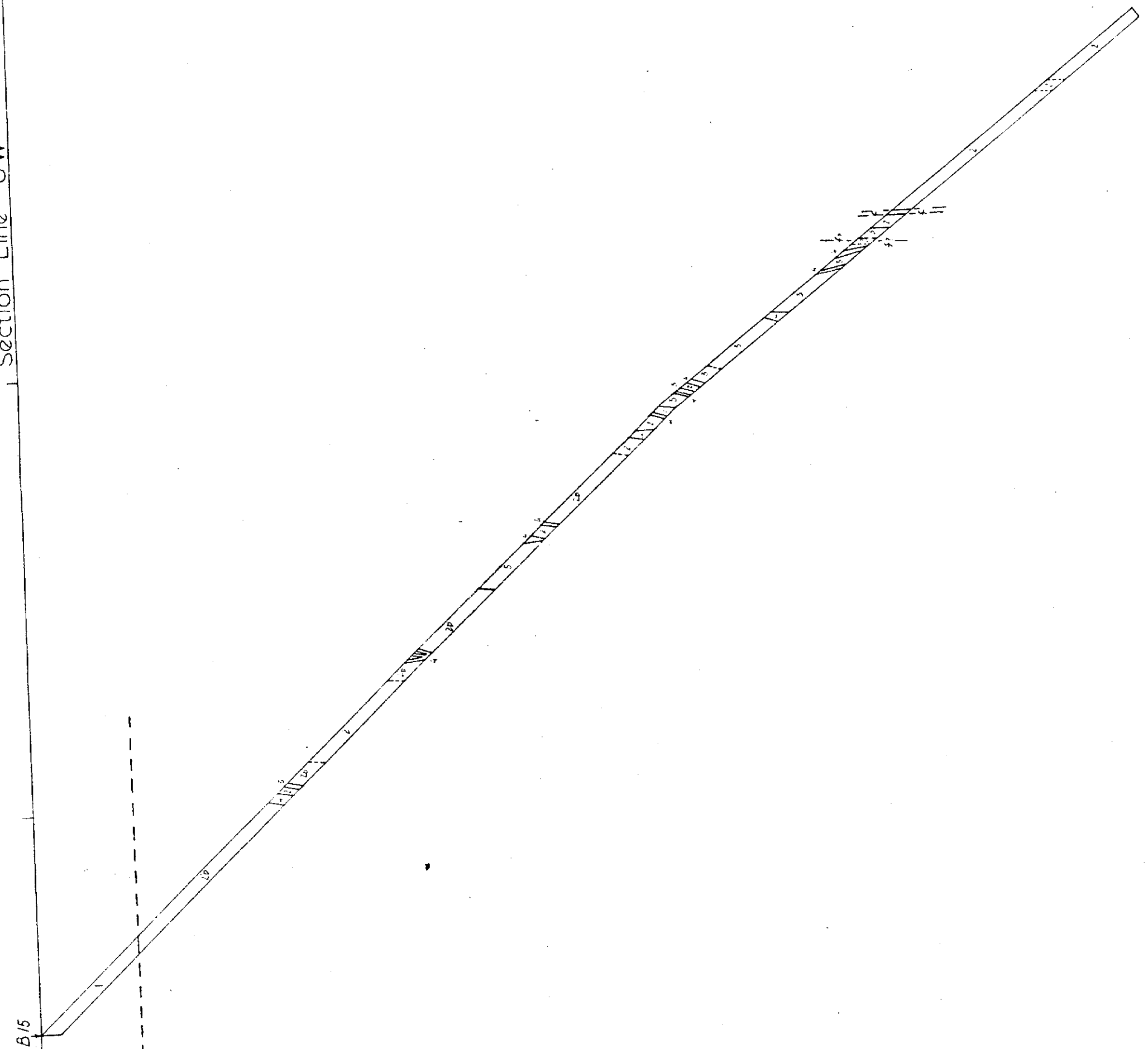
- 1 Overburden
- 2 Meta-andesite
- 2a Porphyritic meta-andesite
- 2b Subvolcanic intrusive feldspar porphyry
- 2c Fracture breccia
- 3 Hornblende gabbro-diorite
- 4 Granite
- 5 Diabase
- 6 Massive sulphides
- O Borehole
- f Fault



42A12NE0650 13 BYERS

Drawn by: MERD		Traced by: MERD		 <b>BYERS PROPERTY</b> Section of Borehole B 14 along section line 4W
Revised by:	Date:	Revised by:	Date:	
Scale: 1" = 25 feet				Date: 19-9-72
				Plate: 12

1N  
2N  
3N  
SW  
Section Line 6W  
NE



LEGEND

- 1 Overburden
- 2 Meta-andesite
- 2a Porphyritic meta-andesite
- 2b Subvolcanic intrusive Feldspar porphyry
- 2c Fracture breccia
- 3 Hornblende gabbro-diorite
- 4 Granite
- 5 Diabase
- 6 Massive sulphides
- Borehole
- Fault



42A12NE0660 13 BYERS

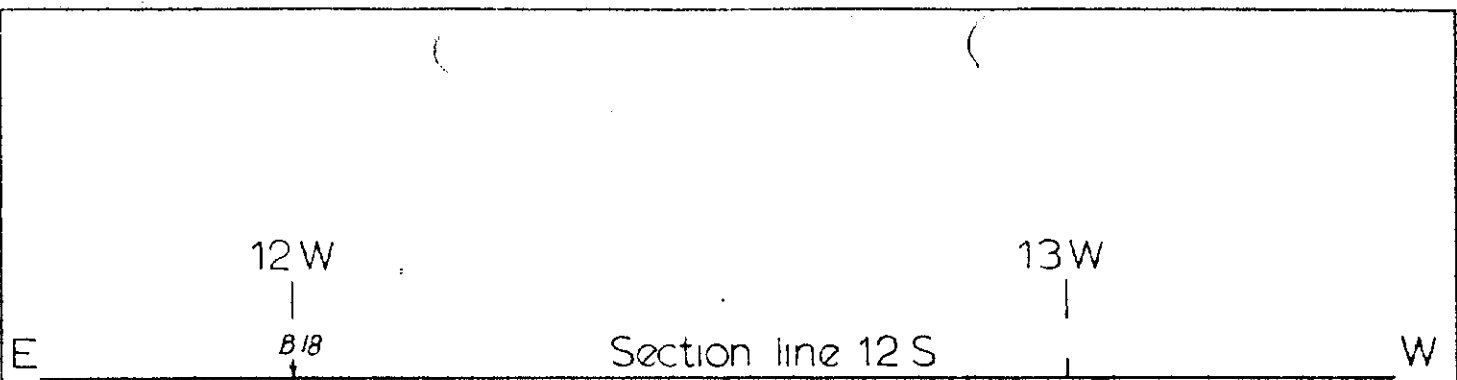
260

Drawn by: MERD	Traced by: MERD
Revised by: _____	Date: _____
_____	_____

BYERS PROPERTY  
Section of borehole B 15  
along section line 6W

Scale: 1" = 25 feet Date: 19-9-72 Plate: 13





LEGEND

- 1 Overburden
- 2 Meta-andesite
- 2a Porphyritic meta-andesite
- 2b Subvolcanic intrusive Feldspar porphyry
- 2c Fracture breccia
- 3 Hornblende gabbro-diorite
- 4 Granite
- 5 Diabase
- 6 Massive sulphides

○ Borehole

f—f Fault



42A12NE0660 13 BYERS

270



Drawn by: MERD	Traced by: MERD
Checked by: J. De	Released by: J. De

BYERS PROPERTY  
 Section of Borehole B 18  
 along section line 12 S

Scale: 1" = 25 feet Date: 20-9-72 Plate 16