DIAMOND DRILLING

TOWNSHIP: BRISTOL

REPORT NO.: 21

WORK PERFORMED BY: TEXASGULF LIMITED

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
P 522043	BR-79-1	400.0	Oct./79	(1)
	BR-79-2	503.2	Oct./79	(1)
P 522040	BR-79-3	402.0	Oct./79	(2)
	BR-79-4	353.0	Oct./79	(1)
	BR-79-6	431.0	Nov./79	(1)
P 363445	BR-79-5	301.0	Oct./79	(2)
P 451544				
363477	BR-79-7	401.0	Nov./79	(2)
P 451541				
451543	BR-79-9	250.0	Nov./79	(2)
P 451544	BR-79-8	355.5	Nov./79	(1)
		3396.7 ft		

NOTES: (1) # 14-80
(2) # 185-80

Texasgulf

PROPERTY Allerston Option PROJECT 79 CONTRACTOR Bradley Bros. START 13/10/79 FINISH 16/10/79

HOLE No. BR-79-1 LAT. _____ DEP. _____ ELEV. _____ LOC. L16+00E; 14+00S AZ. 340° ANGLE -50° DEPTH 400' CASING 108'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
0	108	CASING									
108	141	ALTERED MAFIC VOLCANIC - possibly pillowed,(?), glassy?	504	108	113	5'	Tr	Tr			
		- light -medium grey-green, carb-sericite, minor	505	113	118	5'	0.005	0.02			
		chlorite									
		- schistosity at 55° to C.A., minor diss. pyrite									
		- limonite stained 109'-110.8', 111.5'-112.5', 117.8'									
		- grades from granular speckled carbonated sections to fine grained buff coloured sections with more pyrite.									
		- 111.3' - 15mm qtz vein at 70° to C.A., subparallel to schistosity									
		- 114-115' - diss, pyrite with tourmaline crystals to 5mm									
		- 116.7, 3cm qtz vein, speck cpy, py 45°, cross-cutting									
		- 122.3 - 1cm qtz-carb vein, 35° to C.A., subparallel									
		- 122.6 - limonite stain with diss py									
		- 123 - contorted sch									

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Bristol #14

P5220043

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
108	141	Con't									
		132-133 - limonite stain									
		135 - 5mm qtz. vein at 55° to C.A., parallel									
		136.3 - qtz pod with trace pyrite									
		137.8 - qtz vein at 70° to C.A., subparallel to sch.									
141	173	ALTERED MAFIC VOLCANIC, possibly pillowed?									
		- darker green than above unit, more chlorite alteration									
		- still carbonated, diss py. tourmaline									
		- sch at 55° to C.A.									
		- occasional granular and speckled textures due to									
		intense carbonate alteration									
		- 141.8 -2cm qv parallel to sch									
		- 146.3 -patch of qtz-carb, tr py									
		- fairly massive-looking to 150'									
		- 151.8 - 152.1, qtz-carb vein with tourmaline									
		- possibly pillowed to 173'									
		- 169.2 - 169.7, 2cm qtz-carb vein, tr chl at 20° to C.A.									
		- 170 - 173 possible altered fragments?, diss py									
173	199	ALTERED MAFIC VOLCANIC, lighter coloured									
		- less chlorite, more sericite									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
173	199	Con't									
		- buff coloured frags - 179.5' - 179.8'									
		- occasional patches carb, speckled textures									
		- gradational into dk green chl mafic									
199	241	ALTERED MAFIC VOLCANIC, dark green, speckled carb									
		- chloritic, fairly massive, minor diss py									
		- 199 - 1cm qtz-carb vein at 50° to C.A.									
		- 199.3-199.8 - qtz-carb vein running at shallow angle									
		to C.A.									
		- 200.3 - qtz-carb vein 1-4cm wide at 25°-50° to C.A.									
		- 200.9 - qtz-carb vein 1cm at 45° parallel									
		- 211.1 - qtz-carb vein 1cm at 50° parallel									
		- 214 - poss breccia zone									
		- qtz-carb zones - 215.8, 216.3-216.6, 217.5-217.7									
		- 221 - trace epidote									
		- 223 - narrow qtz-carb vein at 80° to C.A.									
		- 229 - epidote stringer									
		- 235-235.3' - qtz-carb vein at 50° to C.A.									
		- becoming greyer towards 241'									
241	290	ALTERED MAFIC VOLCANIC, more sericitic									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
241	290	Con't									
		- speckled carbonate, minor diss py									
		- 251 - 8cm qtz-carb vein, tr sericite									
		- 254.9 - limonite stain									
		- 258 - sch at 55° to C.A.									
		- 259 - 2.5cm qtz-carb vein at 40° to C.A.									
		- 260-261 more sericite, tr py									
		- 261.9 - 1cm carb vein at 40° to C.A., crosscutting sch									
		- 263.8 - 1cm qtz vein at 50°									
		- 264.5 - 1cm qtz vein at 55°									
		- 265.7 - qtz patch with sericite									
		- 267.3 - coarser splotches - with speckling									
		- 271.6 - sharp change from light to dark grey speckled mafic - contact at 50°									
		- 272 - 273.5 - more wisps sericite									
		- 272.6 - 3cm milky qtz vein, tr tourmaline									
		- 274.7 - qtz vein									
		- 275 - 275.3' - limonite stained									
		- 277.5 - qtz vein with sericite, carb									
		- 281 - qtz patch									
		- 283 - 15mm qtz-carb vein with speck cpy, 60° to C.A.									
		- 285.5 - sch sericitic zone cut by carb veinlets									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
241	290	Con't									
		286.5 - 2cm qtz-carb vein with tr py, tourmaline at 60°									
290	314	ALTERED MAFIC VOLCANIC - more chlorite, less sericite									
		- cut by carb stringers, veinlets									
		- approx ½% py									
		- 303-304 epidote clots, after feldspar phenocrysts									
		-304-307 hematite stain on fractures with epd clots									
314	330	ALTERED MAFIC VOLCANIC, sericitic, carbonated, speckled	506	314	318.3	4.3'	Tr	Tr			
		- medium grey, diss py, cut by qtz veining	365	318.3	325	6.7'	0.010	Nil			
		increase in chl near 330'	507	325	330	5'	Tr	Tr			
		- initial 10cm with limonitic stain									
		-318.7, qtz-carb vein, 3cm at 75° to C.A.									
		-319.5, 1cm qtz-carb vein at 60° to C.A.									
		-319.9, 5cm qtz-carb vein at 60° to C.A.									
		-321.4, 11cm qtz-carb-albite vein with tourmaline									
		-323,8, 4cm qtz-carb vein at 85° to C.A.									
		-327 - 2cm qtz-carb vein both parallel and crosscutting									
		sch at 75° to C.A.									
330	382	ALTERED MAFIC VOLCANIC, chloritic, carbonated cut by carb stringers, veinlets									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
330	382	Con't									DIPS
		- minor diss py									(Corrected)
		- speckled textures									Collar -50°
		- 336.5 - 2cm qtz-carb vein at 85° to C.A.									130' -49°
		- 347-347.5 - limonite stained									330' -39°
		- 350 - becoming less speckled, but still carb-rich									
		- 360 - sch at 55°									
		- 358-361 - more pyrite ~1%									
		- 373.8 - qtz-carb vein - 2cm at 60° to C.A.									
		-381.9 - stubby diss tourmaline									
382	400	ALTERED MAFIC VOLCANIC, lighter buff coloured									
		- sericite carb alteration									
		- granular to very fine grained zones, pillowed??	508	380	385	5'	Tr	Tr			
		- 384.6 - qtz-carb vein with tourmaline, tr ser	509	385	390	5'	Tr	Tr			
		- 386 - 1cm qtz vein irregular contact									
		- 388.9 - 1cm qtz vein at 45° to C.A.									
		- 391.5 - approx 2% py	510	390	395	5'	Tr	Tr			
		- 397 - 1cm qtz vein at 60° to C.A.	511	395	400	5'	Tr	Tr			
		-398.1- 400 - speckled sch mafic									
		- 400 - sch at 55° to C.A.									
	400	END OF HOLE									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
		Dips Collar -50°									
		(Corrected) 130' -49°									
		330' -39°									
		Donald Mullen									

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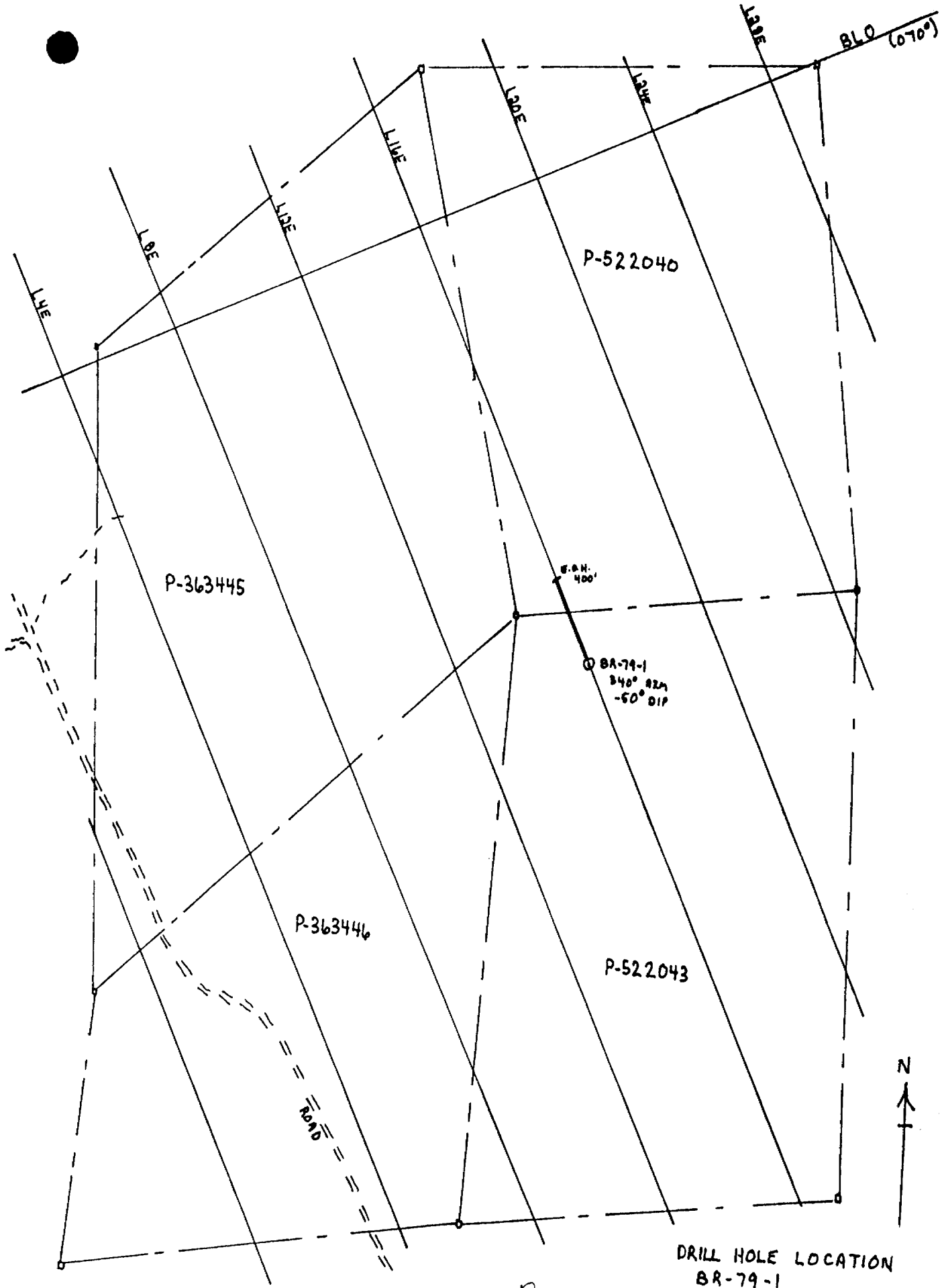

DRILL HOLE LOCATION
BR-79-1
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

Dave Muller

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros START OCT 17 FINISH OCT 19/79

HOLE No. BR-79-2 LAT. _____ DEP. _____ ELEV. _____ LOC. L16+00E; 12+10S AZ. 340° ANGLE -50° DEPTH 503.2' CASING 80'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
0	80	CASING									
80	106	ALTERED MAFIC VOLCANIC, fairly massive, schistose at 45°									
		- medium green chloritic, tr py.									
		- minor carb, occasional epidote clots									
		- vuggy core, broken - 80.5-83.5, 90-94, 100-106	Split 366	101	106	5'	Nil	Nil			
		- cut by carb stringers									
		- possibly pillowed ?									
106	155	ALTERED MAFIC VOLCANIC, darker grey, sericitic									
		- speckled with carbonate, diss py									
		- 106 - 112 - very soft, greasy, talcose (basaltic	Split 367	106	111	5'	Nil	Nil			
		komatiite?)	368	111	118	7'	Nil	Nil			
		- 112 - 112.5 - limonite stain, speckled	369	118	123	5'	Nil	Nil			
		- 112.5 - 118.2 - massive speckled mafic grading									
		into banded mafic (stretched fragments??)									
		- 116.5 - qtz-carb vein, 1cm at 65° to C.A.									
		- 118.2 - 122.9 - fine grained buff coloured sericitic									
		banded mafic, diss py up to 5%									

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Bristol #14

PS22040

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
106	155	Con't									
		- 119.2 - 1cm qtz vein at 80°									
		- 121.5 - 1cm qtz vein at 80°									
		- sch at 55°									
		- 122.9 - 131.5 - speckled massive, < 1% diss py									
		- narrow fine grained buff coloured sections, pillows??									
		- usually with more diss py, occ chl seam									
		- 127.3 - qtz vein, 1cm, at 55° to C.A. crosscutting sch									
		- becoming more sch near 129									
		- 131.5 - 147.7 - banded buff-grey carb mafic, tr diss py									
		134.8 - 135.3 - limonite stain									
		- 136.4 - 2cm qtz vein at 85° to C.A.									
		- 137.7, 138.3 - narrow qtz-carb veins with wisps sericitic	512	137	142	5'	Tr	Tr			
		- 138.5 - possible varioles(?) fragments? very stretched	513	142	147	5'	Tr	Tr			
		- becoming speckled at 143-145									
		- 142.5 - 2cm contorted qtz-carb vein at 20° to C.A.									
		crosscutting									
		- 145 - 1cm contorted qtz-carb vein at 10° to C.A.									
		crosscutting									
		- 147 - 2cm contorted qtz-carb vein from 30°-50° to C.A									
		- 147.5 - 1cm qtz-carb vein parallel to sch at 55°									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
155	182.4	ALTERED MAFIC VOLCANIC, gradational change from above unit to chloritic -									
		carbonated mafic									
		- dark-medium green									
		- lots fizzy carb alteration, cut by carb stringers									
		- occasional epidote clots, tr diss py									
		- 169 - sch at 50° to C.A.									
		- 169.5 - possible patch variolitic glass??									
		- 172 - 182 - munerous narrow carb stringers with									
		hematite staining									
		- 175.2 - 3.5cm qtz-carb vein at 70° to C.A.									
		- 178.6 - possible fragS?									
				184.2							
182.4	237	ALTERED MAFIC VOLCANIC, med gy, carb-sericitic alteration	545	184.2	187	4 6ft	Tr	Tr			
		- banded at 55° to C.A., finely diss py									
		- minor speckling									
		- 185.9 - 186.5 limonite stain	370	187	192	5ft	Nil	Nil			
		- 190 - 200 large clots py up to 5mm	371	192	197	5ft	Tr	Nil			
		- 193.2 - 1cm qtz vein parallel at 45°	372	197	202	5ft	Nil	Nil			
		- 197 - 3cm qtz vein at 60° to C.A., crosscutting	373	202	207	5ft	Nil	Nil			
		- 200.5 - 201 several small qtz veins, really silicified									
		section, vague contacts									
		- 202.5 - 15cm milky qtz vein at 80°									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
182.4	237	Con't									
		- 201 - gradational into very stretched variolitic(?)									
		or fragmental mafic, with speckled units									
		- diss py up to 2%									
		- 205.4 - 205.8 - qtz - tourmaline vein									
		- 206 - 220 - excellent fragmental? or variolitic section	374	207	212	5ft	Nil	Nil			
		- 210 - 213 - fairly massive	375	212	217	5ft	Nil	Nil			
		- 214 - 215 - 8% py									
		- 214.2 - 1cm qtz vein at 60° crosscutting									
		- 214.9 - 2cm qtz vein at 40° crosscutting	376	217	222	5ft	Nil	Nil			
		- 220.2 - limonite stain									
		- 220 - 223 - speckled texture, tr py, minor chl	514	222	227	5ft	Tr	Tr			
		- 223 - 233 - stretched fragments or varioles (?)									
		- 225.8 5mm qtz. vein at 70° to C.A.	515	227	233.5	6.5ft	Tr	Tr			
		- 233 - 237 - more massive, speckled carb mafic									
237	247.7	ALTERED MAFIC FRAGMENTAL(?), darker green, chloritic									
		- cut by several carb stringers at various angles									
		- minor diss py up to 1%									
		- 243.8 - 2cm qtz vein at 60° to C.A.									
		- 247-248 - broken core									
		- 254 - 257 - very dark chl	377	253	258	5ft	Tr	Nil			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
237	247.7	Con't									
		- 255.1 - 1cm qtz vein contorted at 30° to C.A.									
257.7	353	ALTERED MAFIC VOLCANIC, in part fragmental?									
		- light grey to buff - speckled, finely diss py throughout									
		- massive grading into fragmental or variolitic, stretched	378	258	263	5ft	Nil	Nil			
		- 259.7 - 5mm qtz vein at 40°									
		260.5 - 261.5 - numerous qtz veining with wallrock inclusions running generally at 50°, minor tourmaline, py, carb	379	263	268	5ft	Nil	Nil			
			516	268	Note 278	10ft	Tr	Tr			
		272.2 - 5mm qtz vein at 50°									
		275.4 - 1cm qtz vein at 55°									
		276.2 - 3cm splotchy qtz vein at 45° crosscutting	517	278	283	5ft	Tr	Tr			
		282.6 - 5cm qtz vein at 80°	518	283	288	5ft	Tr	Tr			
		- 284:4 - 5mm qtz vein at 85°									
		- 284.6 - 5mm qtz vein at 80°									
		- 285.4 - 5mm qtz vein at 75°									
		- 285.7 - 3cm qtz vein at 90°									
		more chl from 287 - 288	519	288	293	5ft	Tr	Tr			
		290 - sch at 50° to C.A., banded									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
257.7	353	Con't - finely diss py, speckled									
		- becoming finely variolitic(?), fragmental									
		- 291.2 - qtz vein, broken core									
		- 291.8 - qtz-carb vein at 55° to C.A.									
		- 292.1 - qtz-carb vein, 4cm at 70° to C.A.									
		- 292.5 - qtz vein, 2cm at 30° to C.A.									
		- 293 - qtz-carb vein 1cm at 50° to C.A.	520	293	296	3ft	Tr	Tr			
		- 294.4 - qtz vein, 1cm at 55° crosscutting sch									
		- 294.9 - qtz. vein 15cm at 50° crosscutting sch									
		- 295.1 - patch of qtz-carb									
		- 295.5 - qtz carb vein, 1cm at 60° to C.A.	521	296	301	5ft	Tr	Tr			
		- kink bands in sch at 296.2, 297.5, 305.5, 306.5, 307.4	522	301	306	5ft	Tr	Tr			
		310.3									
		- 299.4 - 1cm qtz vein at 55° crosscutting sch									
		- 299.7 - 1cm qtz-carb vein at 55°, parallel									
		- 303 - 1cm qtz vein at 75°									
		- 304.8 - 1cm qtz vein at 80°									
		- 305.7 - 5mm qtz vein at 75°, contorted - near kink band	523	306	311	5ft	Tr	Tr			
		- 309 - 309.8 - qtz-carb vein with wallrock inclusions									
		- upper contact broken, lower contact at 60°									
		- 315.2 - 5mm qtz vein at 60°	524	311	316	5ft	Tr	Tr			
		- 316.5 - 1cm qtz vein at 75° crosscutting sch	525	316	321	5ft	0.005	Tr			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
257.7	353	Con't - 316.7 - 4cm qtz vein at 315, 315.8, 318.7, 322 (60° CROSSCUTTING SCHISTOSITY FOLIATION) (contorted, subparallel to C.A.)									
		- 317.4 - 2cm qtz vein at 55°									
		- becoming less speckled and finer grained near 322									
		- cut by more carb stringers									
		- 321.9 - qtz-carb vein, 3cm 60°-85° to C.A.	526	321	326	5ft	Tr	Tr			
		- 323.8 - 8mm qtz vein, contorted ~45° to C.A., cross-cutting	527	326	331	5ft	Tr	Tr			
			380	331	336	5ft	Nil	Nil			
		- speckled again from 332,									
		- 333-334 - chlorite bands									
		- 338.5 - qtz-tourmaline vein, 5cm at 70°	381	336	341	5ft	0.005	Nil			
		- 341.5 - 346 - large stretched clasts buff coloured,	382	341	346	5ft	Tr	Nil			
		somewhat speckled, diss pyrite	383	346	351	5ft	Tr	Nil			
		- some chl stringers									
		- fairly massive 346-347									
		- grading again large stretched chilled fragments									
		possibly pillow breccia?, flow breccia									
		- ~~344.1~~ 347.1 - 1cm qtz-carb vein at 70°									
		- grading into chloritic altered mafic fragmental at 353									
353	385.5	ALTERED MAFIC FRAGMENTAL, chloritic-carbonated									
		- initially fragments are buff coloured but grading to									
		light green-grey downhole									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
353	385.5	Con't - matrix to fragments possibly altered glass									
		- 365.5 - one foot massive section - dark carb rich									
		grading into fragmental or very stretched varioles									
		- cut by narrow carb veinlets									
		- 369.5 - qtz-carb vein, 15mm at 85°									
385.5	385.9	LAMPROPHYRE DYKE, dark grey to black, very carbonated minor biotite, irregular									
		contacts bounded by narrow carb stringers, ~at 75° to C.A.									
		- no chill on contact									
385.9	402.6	ALTERED MAFIC FRAGMENTAL,									
		- light grey-green stretched frags or varioles(?) to									
		387.4									
		- from 387.4 initially massive fine grained chloritic									
		section grading into fragmental mafic section at 389									
		- 388 - 2.5cm qtz-carb vein at 55°									
		- occasional qtz patches, minor epidote, trace pyrite									
402.6	404.2	LAMPROPHYRE DYKE,									
		- dark grey carbonated, medium grained									
		- biotite throughout									
		- contacts sharp but not chilled									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
402.6	404.2	Con't - 403.9 inclusion of mafic fragmental									
		- upper contact at 70°, lower contact at 65° to C.A.									
404.2	421.5	ALTERED MAFIC FRAGMENTAL, chloritic alteration									
		- light grey-green, somewhat speckled									
		- very stretched, closely packed clasts or varioles(?)									
		- 405 - sch at 60° to C.A.									
		- 408.7 - contorted schistosity									
		- occasional narrow qtz vein									
		- 421.4 - 15mm qtz vein, at 80° speck py	384	421	425	4 ft	Nil	Nil			
421.5	465	ALTERED MAFIC FRAGMENTAL, as above but buff coloured, light-medium grey									
		- sericite-carb alteration									
		- increase in diss pyrite ~1%	385	425	430	5 ft	Nil	Nil			
		- fragmental or variolitic(?)									
		- occasional epidote clot									
		- lots effervescent carbonate	386	430	435	5 ft	Tr	Nil			
		- 430.5 - 5mm qtz vein at 80° to C.A.	387	435	440	5 ft	Nil	Nil			
		- 437.2 - 1cm qtz vein at 80°, tourmaline, chl, tr py, fuchsite									
		- 439.9 - 1cm qtz vein at 70°, crosscutting									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-2 PAGE No. 9

FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
421.5	465	Con't									
		- 442.8 - tourmaline stringer	388	440	445	5ft	Nil	Nil			
		- qtz patch with tourmaline, 442.7, 443	389	445	450	5ft	Nil	Nil			
		- 444.6 - 5mm qtz vein, contorted, 60° to C.A. crosscutting	390	450	455	5ft	Nil	Nil			
		- 444.9 - 1cm qtz vein 60° to C.A., crosscutting	391	455	460	5ft	Nil	Nil			
		- becoming slightly more chloritic near 445'	392	460	465	5ft	Nil	Nil			
		- diss tourmaline 447, 452.4									
		- 448.8 - 3cm qtz vein at 80°-90°, tourmaline, tr chl									
		- clast size decreases downhole, increases towards 465									
465	484	ALTERED MAFIC FRAGMENTAL, more chloritic than above unit but same lithology,	393	465	470	5ft	Nil	Nil			
		darker green									
		- up to 2% pyrite locally	394	470	475	5ft	Nil	Nil			
		469.2 - 1cm qtz vein, tr. py	395	475	480	5ft	Nil	Nil			
		- speckled texture starts near 470'	396	480	485	5ft	Nil	Nil			
		- fairly massive 473.4 - 474.7									
		- 477.6 - 15mm qtz-carb vein at 60° to C.A., tr pyrite									
484	503.2	ALTERED MAFIC FRAGMENTAL,									
		- buff coloured fragments or varioles(?), very stretched	397	485	490	5ft	Tr	Nil			
		- matrix has some chl, sericite, speckled	398	490	494	4ft	Tr	Tr			
		- 487.4 - 10cm milky qtz vein at 75° to C.A., crosscutting,									
		tr. tourmaline									

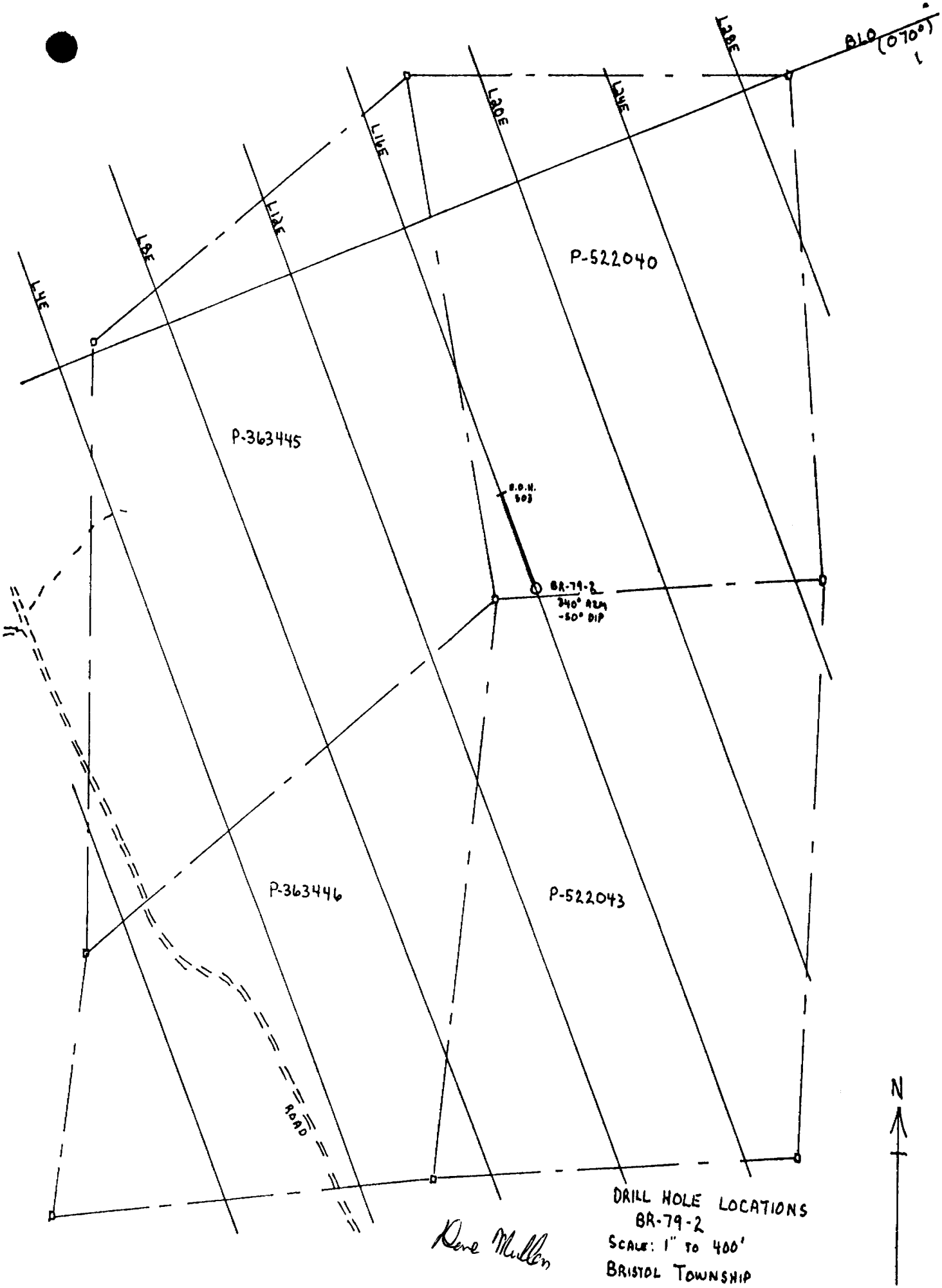
LOGGED BY: D. Mullen DATE: October , 1979 PROPERTY Allerston Option HOLE No. Br-79-2 PAGE No. 10

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
484	503.2	Con't - 488 - matrix becoming less chloritic, much more									
		sericitic									
		- 492.5 - 493 - massive speckled section, altered glass?									
		- 494.6 - 495.3 - qtz-tourmaline vein with diss py	399	494	496	2'	0.005	0.02			
		- 495.3 - 495.9 - 10% diss py									
		495.9 - 497.2 - fine grained, massive, altered glass?	400	496	503.2	8.2'	0.005	0.02			
		dark grey									
		- 497 - 3cm qtz vein									
		- 497 - 500.2 - very altered, pyritic sericitic-carb									
		zone, fragmental, contorted schistosity, 10% py									
		- 499 - 1.5cm qtz vein with py, tr arsenopyrite, at 90°									
		-500.2 - 502.1 - fine grained massive section, altered									
		glass?									
		- 501.3 - 1cm qtz-tourmaline vein, albite, at 80° to C.A.									
		- 501.2 - 1cm qtz vein at 80°									
		- 502.1 - 503.2 - stretched fragmentals, very sch, at 50°									
		- sericitic, pyritic carb									
		- 502.9 - 1cm qtz vein at 75°									
		END OF HOLE									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-2 PAGE No. 11

FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
		Dips - Collar -50°									
		(Corrected) 100' -49°									
		300' -38°									
		500' -37°									
		Dan Mullen									

LOGGED BY: D. Mullen DATE: Ocotber, 1979 PROPERTY Allerston Option HOLE No. BR-79-2 PAGE No. 12



Dave Mullen

DRILL HOLE LOCATIONS
BR-79-2
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

Texasgulf BRISTOL TWP. #185-80

PROPERTY Allerston Option PROJECT 79 CONTRACTOR Bradley Bros. START OCT 22 FINISH OCT 24/79

HOLE No. BR-79-3 LAT. _____ DEP. _____ ELEV. _____ LOC. L16+00E, 9+60S AZ. 340° ANGLE -50° DEPTH 402' CASING 82'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
0	82	CASING									
82	109.6	ALTERED MAFIC FRAGMENTAL?	539	82	87	5ft	Tr	Tr			
		- wispy stretched clasts or varioles	540	87	92	5ft	Tr	Tr			
		- medium grey to buff coloured	541	92	94	2ft	Tr	Tr			
		- sericitic, carbonated, slightly silicified	542	94	99	5ft	Tr	Tr			
		- locally up to 5% pyrite, usually 2% diss pyrite									
		- schistosity at 50° to C.A.									
		- 82.2 - 2cm tourmaline vein at 40° to C.A., cross-cutting									
		- 84.5 - 85 - diss, stringers tourmaline with minor qtz, pyrite									
		- 92.5 - 93.8 - massive blk tourmaline vein with minor qtz-feldspar-pyrite									
		- 95 - 96 - limonite stain, tr pyrite, lots efferv-scent carb									
		- 96.3 - speck cpy									
		- 96.7 - qtz-carb-albite(?) vein, narrow									
		- 97 - 97.5 - limonite stain									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-3 PAGE No. 1

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
82	109.6	Con't - 97.5 - speckled texture, intense carb alteration									
		pyrite decreases near 102'	543	99	104	5ft	Tr	Tr			
		- 105.2 - qtz pod with tr chl	544	104	109.6	5.6ft	Tr	Tr			
		fragments become larger, more distinct near 109'									
109.6	122.2	ALTERED MAFIC FRAGMENTAL									
		- increase in chlorite, darker green	4192	109.6	122	12.4'	45				GEOCHEM ppb
		- as above - flow? breccia, fragmental, stretched clasts									
		with epidote clots, altered interstitial glass									
		- tr pyrite along seams									
		- schistosity at 50° to C.A.									
		- 113.7 - 2.5cm qtz vein at 85° to C.A., crosscutting									
		- 114.8 1.5cm qtz-carb vein at 45°, hematite, epidote									
122.2	140	ALTERED MAFIC FRAGMENTAL,	528	122	127	5ft	Tr	Tr			
		- lighter buff coloured streaky fragmental	529	127	132	5ft	Tr	Tr			
		- sericite-carb-diss py, scattered tourmaline	530	132	137	5ft	Tr	Tr			
		- 127.5 - limonite stained narrow qtz-carb veining at									
		80° to C.A., crosscutting schistosity	531	137	142	5ft	Tr	Tr			
		- 138.6 - limonite stain near narrow qtz-carb vein									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
140	187.9	ALTERED MAFIC FRAGMENTAL									
		- increase in chlorite, darker green, initially with									
		sericite	4193	142	152	10'	45				GEOCHEM ppb
		- fragment increasing in size downhole, possible pillow									
		breccia									
		- clasts usually lighter coloured than matrix									
		- matrix may be altered glass in part									
		- minor diss py									
		- 152' - 1cm qtz vein at 70° crosscutting	4194	152	162	10'	45				GEOCHEM ppb
		- 165.8 - 166.6 - massive, large fragment?	4195	162	172	10'	45				GEOCHEM ppb
		- 167 - schistosity at ~35° to C.A.									
		- 180 - epidote clots	4196	172	182	10'	45				GEOCHEM ppb
		- 184.4 - 1.5cm qtz vein at 70°, subparallel to sch									
		- 185 - schistosity at 55° to C.A.	4197	182	192	10'	45				GEOCHEM ppb
187.9	188.6	LAMPROPHYRE DYKE, dark grey									
		- very carbonated, minor biotite									
		- no chill at contacts									
		- upper contact at 60° to C.A., lower contact irregular									
		at shallow angle to core									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
188.6	215.7	ALTERED MAFIC FRAGMENTAL, as above									
		- chlorite-carbonate alteration									
		- fragments appear to decrease in size and become	4198	192	202	10'	<5				GEOCHEM ppb
		closer packed									
		- 196 - speckled with carbonate	4199	202	212	10'	20				GEOCHEM ppb
		- 205 - diss torumaline									
			4200	212	222	10'	<5				GEOCHEM ppb
215.7	231	ALTERED MAFIC FRAGMENTAL, as above but lighter coloured, streak fragments									
		- sericite alteration , less chlorite									
		- 216.3, bleb pyrite, diss tourmaline									
		- 224.1 - 2cm qtz-carb vein with stubby tourmaline, tr	4201	222	232	10'	30				GEOCHEM ppb
		pyrite, tr chl, at 60° to C.A.									
		- 225 - 230 - good speckled texture									
		- fragments better defined near 230									
		- 230.8 - 1cm qtz-tourmaline vein, tr cpy at 85° to C.A.									
231	232.5	ALTERED MAFIC FRAGMENTAL, as above but with more chlorite alteration									
232.5	243	ALTERED MAFIC FRAGMENTAL									
		- buff coloured stretched fragments in sericitic-	4202	232	242	10'	<5				GEOCHEM ppb
		carb matrix - dark grey, minor chl									
		- minor diss py, tourmaline									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
232.5	243	Con't - 233 - 1cm contorted qtz vein									
		- 234.5 - 235.6 - granular carb zone, minor chl									
		- 238.4 - zone of narrow qtz-carb veins with diss py									
243	257	ALTERED MAFIC FRAGMENTAL									
		- darker green, chlorite-carbonate throughout	4203	242	252	10'	<5				GEOCHEM ppb
		- 244.5 - 1cm qtz vein with tourmaline									
		- 255.2 - 4cm qtz-carb vein with tr cpy	4204	252	257	5'	<5				GEOCHEM ppb
257	263.3	ALTERED MAFIC FRAGMENTAL									
		- sericite-carbonate alteration, diss py	532	257	262	5ft	Tr	Tr			
		- 258 - 261 - speckled texture									
		- 261 - clasts become closer packed, increase in pyrite									
		- 262 - schistosity at 55° to C.A.									
		- 260.8 - 1cm qtz vein at 50° to C.A.									
263.3	288	ALTERED MAFIC FRAGMENTAL, increase in chlorite alteration, darker green									
		- very granular altered mafic-carbonate	533	262	267	5ft	Tr	Tr			
		- 265.8 - 1.5cm qtz vein at 55°									
		- 267.7 - 1cm qtz-albite vein at 60°	534	267	272	5ft	Tr	Tr			
		- 271 - buff coloured fragments?									
		- 273 - 7cm qtz vein, tr chl, tourmaline, carb, poss	535	272	277	5ft	Tr	Tr			

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-3 PAGE No. 5

FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
263.3	288	Con't fuchsite? at 75° to C.A.									
		- 275 - 3cm qtz vein at 65° to C.A.									
		- 275.4 - 9cm qtz vein, tourmaline, chl. at 70° to C.A.									
		- 278-279.1 -qtz vein, minor tourmaline, tr pyrite	536	277	282	5ft	Tr	Tr			
		- 279.3 - qtz pod, diss py									
		- 279.5-279.8 - several qtz veins with trace sericite									
		- 279.8 - 280.2 - banded qtz vein, diss py, tourmaline									
		in narrow bands, at 70° to C.A.									
		- 281.4 - 5cm qtz vein, contorted crosscutting									
		schistosity	537	282	287	5ft	Tr	Tr			
		- 283.4 - 5mm qtz vein, contorted crosscutting at 30°									
		to C.A.									
		-283.7 - 2cm qtz-albite vein, contorted crosscutting at									
		30° to C.A.									
		- 284-286.5 - several narrow contorted crosscutting and									
		parallel qtz veins with carb and albite									
288	291	ALTERED MAFIC FRAGMENTAL,	538	287	292	5ft	Tr	Tr			
		- buff coloured, sericitic frags									
		2% diss py									
		- 289.8 - 1.5 cm qtz vein at 55° to C.A.									
		- 289.9 - contorted qtz pod									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-7[illegible]-3 PAGE No. 6

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
288	291	Con't - qtz veins may have caused alteration zone									
291	296.5	ALTERED MAFIC FRAGMENTAL									
		- increase in chlorite, darker green, less sericite	4205	292	302	10'	5				GEOCHEM ppb
		- still fragmental, sch at 60° to C.A.									
296.5	297.1	LAMPROPHYRE DYKE, vague contacts									
		- dark grey, carbonated, granular									
297.1	297.5	ALTERED MAFIC FRAGMETNAL									
		- chloritic,									
297.5	298.7	LAMPROPHYRE DYKE, mottled appearance									
		- carbonated, biotitic									
298.7	300.7	ALTERED MAFIC FRAGMENTAL									
		- light coloured sericitic fragmental "surrounding"									
		a narrow qtz vein, may be source of alteration									
		- diss py, narrow bands tourmaline									
		- 299.9 - 4cm qtz-carb vein, tr pyrite									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
300.7	337	ALTERED MAFIC FRAGMENTAL									
		- chloritic, dark green, minor diss py, tourmaline									
		- 304-305 - 5% diss py near qtz-carb vein	4206	302	312	10'	45				GEOCHEM ppb
		- cut by narrow qtz veins at various angles									
		- 316.9 - 2cm qtz vein at 85°, minor carb	4207	312	322	10'	<5				GEOCHEM ppb
		- 318.3 - speck cpy in py cube									
		- 330.6 - qtz-carb vein, 5mm, at 85° to C.A.	4208	322	332	10'	<5				GEOCHEM ppb
		becomes darker grey from 328-337', minor increase in									
		pyrite									
		- 337 - qtz-carb vein with diss py, 3cm	4209	332	342	10'	5				GEOCHEM ppb
		- fairly large fragments									
337	354.9	ALTERED MAFIC FRAGMENTAL									
		- light coloured sericitic-carb alteration	4210	342	352	10'	10				GEOCHEM ppb
		- some clasts appear amygdaloidal with diss py tourmaline									
		- 345 - becoming speckled									
		- 349.5 - diss tourmaline									
		- 350.5 - limonite stain, narrow qtz vein with minor									
		py, tourmaline									
		- 354.8 - qtz-carb vein 3cm, tr pyrite									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY ~~Allerston Option~~ HOLE No. ~~BR-7~~ PAGE No. ~~8~~

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
354.9	366	ALTERED MAFIC FRAGMENTAL									
		- chlorite-carb alteration	4211	352	362	10'	45				GEOCHEM ppb
		- minor diss py tourmaline cut by carb stringers									
		- 360.4 - stubby diss tourmaline clots									
		- 363.5 - contorted 2cm qtz-carb vein at 60° crosscutting									
366	402	ALTERED MAFIC FRAGMENTAL									
		- lighter coloured sericite-carb alteration	4212	362	372	10'	5				GEOCHEM ppb
		- minor chlorite, approx 1% diss py									
		- 368.5 - 5mm qtz vein at 85° to C.A., crosscutting									
		- 370 - schistosity at 55°-60° to C.A.									
		- 373 - 5mm qtz vein, tr py at 60°									
		- 373.6 - 1cm qtz-carb vein, tr py, aspy?, py, chl.	4213	372	382	10'	220				GEOCHEM ppb
		tourmaline, 80° to C.A.									
		- 375.9 - 4cm qtz-vein tr py, aspy carb, tourmaline									
		- 379-379.5 - qtz-carb vein, tr aspy, py, chl. tourmaline									
		- 381 - narrow qtz-carb veining parallel to sch									
		- 383.5 - very contorted schistosity	4214	382	392	10'	10				GEOCHEM ppb
		- 388.8 - qtz-carb vein, 2cm, tr py									
		- 390-305 - speckled texture with minor diss tourmaline	4215	392	402	10'	5				GEOCHEM ppb
		- 400 - sch at 70° to C.A.									
		- 400.8 - 1cm qtz vein, tr cpy, at 80°									

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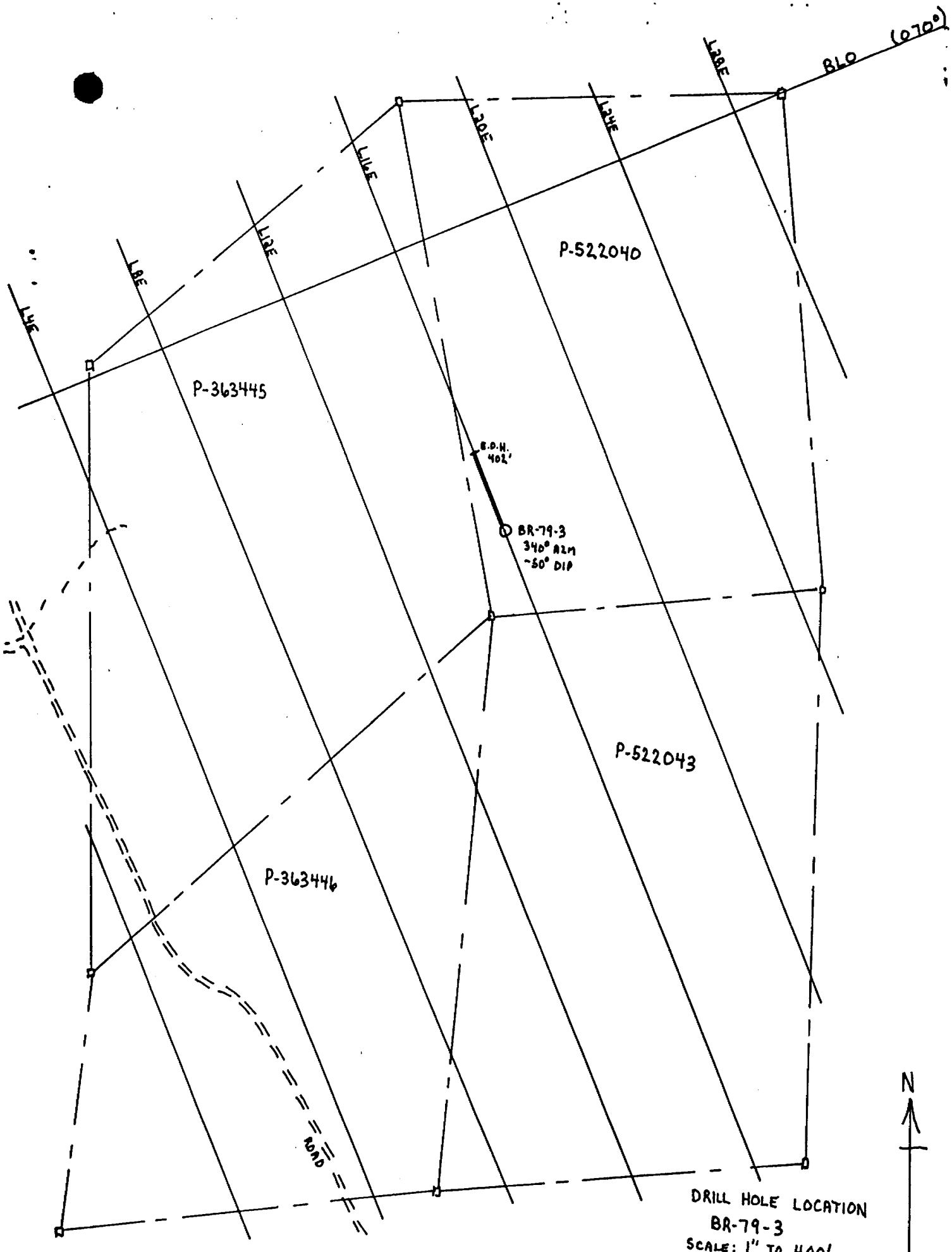
FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
		DIP - Collar -50°									
		(Corrected) 150 -46°									
		300 -39°									
		400 -36°									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-2 PAGE No. 10



DRILL HOLE LOCATION
BR-79-3
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros. START Oct 26 FINISH Oct 28/79

HOLE No. BR-79-4 LAT. _____ DEP. _____ ELEV. _____ LOC. L16+00E; 7+60S AZ. 340° ANGLE -50° DEPTH 353' CASING 28'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
0	28	CASING									
28	47.5	ALTERED MAFIC FRAGMENTAL									
		- dark green, chloritic-carbonated	546	45	48.1	3.1'	Tr	Tr			
		- very stretched clasts - lighter green than matrix									
		- matrix possibly altered glass									
		- cut by carb stringers at various angles									
		- 30.5 carb-epidote alteration, tr pyrite									
		- 40 - schistosity at 45°									
47.5	48.2	ALTERED MAFIC FRAGMENTAL									
		- as above but increase in sericite alteration									
		- more pyrite, lighter coloured - buff									
48.2	49.2	MAFIC DYKE (?) Poss Tuff (?)									
		- granular, dark grey, carbonated									
		- diss pyrite near upper and lower contacts									

LOGGED BY: David Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-4 PAGE No. 1

Brian to P 31/4

P 363445

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
49.2	60.5	ALTERED MAFIC FRAGMENTAL									
		- buff coloured, sericitic, minor speckling	547	50	55	5'	Tr	Tr			
		- pyrite increases 56-59									
		- 57, 1cm qtz vein, minor carb, pyrite, 90° to C.A.					Tr				
		- becoming altered granular massive unit at 59	548	55	60	5'	Tr	Tr			
		- diss fuchsite at 59.7-60, near qtz vein									
		- 59.9 - 3.5cm qtz vein, tr ankerite, 90° to C.A.									
		- 60.4 - 1cm qtz vein at 80° to C.A., crosscutting									
60.5	149.8	ALTERED MAFIC VOLCANIC - (in part fragmental)	549	60	65	5'	Tr	Tr			
		- darker green, fairly massive, chloritic	550	65	70	5'	Tr	Tr			
		- granular texture - carbonated									
		- minor diss py									
		- little effervescent carbonate									
		- 61.5 - 2cm qtz-albite vein at shallow angle to core ~20°, laths of albite up to 5mm long extend normal to the vein borders									
		- 64.5 - silicified zone near qtz-vein with 5% diss py trace fuchsite									
		- 65.8 - limonite stain									
		- 67 - 5mm qtz-albite vein at 70° to C.A.									
		- 69.5 - 5mm qtz vein at 65°									

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-4 PAGE No. 2

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
60.5	149.8	Con't - 70.5 - 1cm qtz vein, tr albite, crosscutting schistosity									
		at shallow angle									
		- rock still granular, massive, occasional small buff clast									
		- 71 - 2cm qtz-albite vein, at 70° to C.A.									
		- albite "growing" from edges of the vein									
		- 71.5 - 1cm qtz-albite vein at 70°									
		- 72-73 - 3 narrow (3mm) qtz-albite veins at 55°									
		- 73.5 - silicified patch with diss py	551	70	75	5'	Tr	Tr			
		- 74.5 - 75.5-several qtz-albite veins up to 3cm at 45°									
		to C.A.									
		- 75.7 - 76.1 - qtz-tourmaline vein, contacts at 80° to									
		C.A.									
		- 76.1 - 77 - numerous qtz-albite veins cutting buff									
		coloured altered mafic, diss pyrite, tr sericite									
		- 77 - 2.5cm qtz vein, tr pyrite, fuchsite, sericite,									
		at 50°	552	75	80	5'	Tr	Tr			
		- 78 - 79 - large qtz and qtz-albite veining with chl									
		inclusions									
		- 79.5 - 80 - sericite-pyrite-chlorite zone surrounding									
		qtz-albite veining at 50° to C.A.									
		- 80.1 - limonite stain									
		* - 83.5 - becoming definitely fragmental	553	80	85	5'	Tr	Tr			

LOGGED BY: D. Mullen DATE: October, 1979 PROPERTY Allerston Option HOLE No. BR-79-4 PAGE No. 3

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
60.5	149.8	Con't - 84.5 - sericite-pyrite surround qtz-carb veining									
		- 85.1 - limonite stain									
		- 86 - speckled textures begin									
		- becoming quite chloritic, fragmental	554	85	90	5'	Tr	Tr			
		- cut by numerous carb stringers, seams									
		- 92.5 - qtz-carb-tourmaline patch	555	90	95	5'	Tr	Tr			
		- 101.6 - 3cm qtz-carb-albite vein with pyrite, tourmaline	556	95	100	5'	Tr	Tr			
		at 70° to C.A.	557	100	103	3'	Tr	Tr			
		- 109 - 1cm qtz-carb vein at 80° to C.A., crosscutting									
		- 110 - schistosity at 50° to C.A.									
		- 115.2 - 116.3 - buff sericitized clasts									
		- 116.3 - 2cm qtz-albite-tourmaline vein, carb									
		- occasional large cubes of pyrite up to 3mm scattered									
		throughout									
		- 123.1 - 3cm qtz-carb vein at 80°									
		- 125 - minor limonite stain									
		- 127.1 - 1cm qtz-carb vein at 70°, crosscutting									
		- clasts increase in size near 136									
		- 137 - amygdaloidal clasts (?)									
		- 149.7 - 1cm qtz-carb vein at 60° to C.A.									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
149.8	165	ALTERED MAFIC FRAGMENTAL									
		- abrupt change at qtz-carb vein at 149.7									
		- speckled granular sericitic-carb fragmental									
		- less chloritic									
		- 152.2- 4cm qtz-carb vein, minor tourmaline, pyrite	558	150	155	5'	Tr	Tr			
		- 158.2 - 1cm qtz vein at 70° to C.A.	559	155	160	5'	Tr	Tr			
		- 162.2 - 1cm qtz-carb vein, trace tourmaline, py at 75°									
		2% pyrite surrounding above qtz-carb vein	560	160	165	5'	Tr	Tr			
		- 165 - schistosity at 50° to C.A.									
165	171	ALTERED MAFIC FRAGMENTAL									
		- darker green, increase in chlorite									
		- fragments still very stretched									
		- patches stringers carb									
		- trace pyrite scattered throughout									
171	177	ALTERED MAFIC FRAGMENTAL									
		- chlorite-sericite-carbonate alteration									
		- buff coloured sericitic clasts set in a darker green									
		chloritic matrix, carb									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
177	187	ALTERED MAFIC FRAGMENTAL									
		- dark green, chloritic, carb rich									
		- clasts lighter green than matrix									
		- minor diss pyrite									
		- cut by occasional carb stringers									
		- 180.6 - 2cm qtz-carb vein at 70°									
		- 181.9 - 1cm qtz-carb vein at 60°									
			561	185	190	5'	Tr	Tr			
187	192.4	ALTERED MAFIC FRAGMENTAL									
		- buff coloured sericite-carb alteration									
		- very speckled at 187-188									
		- becoming quite fragmental to 192									
		- sericitic buff clasts very stretched									
		- minor diss pyrite increases near qtz veining									
		- 188.9 - 1cm qtz-carb vein at 65°									
		- 189.1 - 1cm qtz-carb vein at 65°									
		- 190.1 - 1cm qtz-carb vein, tr pyrite, tourmaline at 65°									
		- 190.3 - 1cm qtz vein, tr tourmaline at 65° to C.A.									
		- 191 - 5mm qtz-carb vein at 70°									
1[redacted]4	220	ALTERED MAFIC FRAGMENTAL (Massive in Part)									
		- initially speckled massive mafic grading into definite									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
192.4	220	Con't fragmental by 195									
		- mixed chlorite-sericitic-carb alteration									
		- buff coloured sericitic clasts set in darker green									
		chloritic matrix with minor sericite, carbonate	562	190	195	5'	Tr	Tr			
		- cut by occasional carb stringers, seams									
		- 197.8 - 1cm qtz-carb-albite vein, contorted at 70°									
		- 199 - 1cm qtz-carb-albite vein at 60°	563	195	200	5'	Tr	Tr			
		- 200 - schistosity at 45°-50° to C.A.									
		- 202.1 - 1cm qtz-carb vein, at 60° to C.A., crosscutting									
		- 204.1 - 1cm qtz-carb vein, at 70°	564	200	205	5'	Tr	Tr			
		- 206.2 - 4cm qtz-carb vein, at 75°									
		- 208.3 - 2cm qtz-carb vein, at 80°, crosscutting									
		- 212.1 - 6cm qtz-carb vein, trace pyrite, tourmaline	565	205	210	5'	Tr	Tr			
		at 90°									
		- 211 - 218 - less chloritic more sericitic with slightly	566	210	215	5'	Tr	Tr			
		more diss pyrite									
		- 216.4 - 1cm qtz vein at 85°, crosscutting									
		- 217 - 1cm qtz vein at 80°, crosscutting									
			567	215	220	5'	Tr	Tr			
220	241.9	ALTERED MAFIC FRAGMENTAL									
		- less sericite, more chlorite-carb alteration									
		- clasts now darker green									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
220	241.9	Con't - cut by numerous carb seams, stringers									
		- occasional speck pyrite									
		- 227.7 - diss torumaline									
		- 228 - 228.5 - large qtz-carb vein with some wallrock inclusions									
		- 230.9 - 231.1 - irregular qtz-veining with trace, py, cpy									
		- 231.3 - 3cm qtz-carb vein, tr chlorite, at 85°									
		- 233, 233.8, 236 - 5mm qtz-carb veins at 70°									
		- 237.8 - 5mm qtz-carb vein, contorted at 85°, crosscutting									
			568	240	245	5'	.005	Tr			
241.9	243.8	ALTERED MAFIC FRAGMENTAL									
		- buff coloured, sericite-carb alteration									
		- alteration appears to have been controlled by 1cm qtz-albite-touramline vein at 242.9									
		- pyrite increases to ~5% near vein									
		- vein cuts core at 60°									
243.8	247	ALTERED MAFIC FRAGMENTAL									
		- darker green, increases in chlorite, less sericite									
		- carbonate rich - effervescent									
		- 245.7 - 1cm qtz-carb vein, trace tourmaline, surrounded									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
243.8	247	Con't by 2cm sericite-pyrite (5%) alteration zone									
247	288	ALTERED MAFIC FRAGMENTAL									
		- mainly sericite-carb alteration with minor chlorite in matrix									
		- very stretched clasts									
		- minor scattered tourmaline									
		- 248.4 - 2cm qtz-carb vein at 50°									
		- 250 - 2cm qtz-carb vein, tr tourmaline, sericite at 75°									
		- 251 - two 1cm qtz-carb veins, from 65°-80° to C.A.									
		- 252.8 - ~1% diss tourmaline									
		- 255.3 - 1cm qtz-carb vein at 70°									
		- amount of chlorite in matrix decreases downhole									
		- 260 - schistosity at 50° to C.A.									
		- 261 - 1cm qtz-carb vein at 70°									
		- 263 - ~1% diss tourmaline	569	264	269	5'	.005	Tr			
		- 265 - 1cm qtz vein with tourmaline at 70°									
		diss pyrite adjacent to above vein									
		- 265.5 - 1cm qtz-carb vein at 90°									
		- 267.7 - 2cm qtz-carb vein at 75° to C.A.									
		- pyrite, tourmaline adjacent to above vein									
		- 268 - 276 - chlorite increases slightly in matrix									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
247	288	Con't - 268.9 - 5mm carb vein at 90°									
		- 269.3 - 5mm qtz vein with tourmaline at 75° minor diss									
		tourmaline, 273, 281, 283-286									
		- 275.7 - 4cm qtz-carb vein at 70°									
288	288.4	MAFIC DYKE (?) Or Tuff (?)									
		- light grey, granular in part									
		- chlorite blebs to 5mm scattered throughout									
		- very little effervescent carbonate									
		- foliated at 50° to C.A.									
		- upper contact broken, lower contact ~75°									
288.4	289.2	ALTERED MAFIC FRAGMENTAL									
		- sericitic buff coloured clasts									
289.2	290.2	MAFIC DYKE (?) or Tuff (?)									
		- as above									
		- upper contact broken, lower contact at ~70°									
290.2	290.9	ALTERED MAFIC FRAGMENTAL									
		- sericitic buff coloured clasts									
		290.8 - 1cm qtz vein with tourmaline at 70° to C.A.									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
290.9	291.3	MAFIC DYKE (?) Or Tuff (?)									
		- as before									
291.3	291.6	ALTERED MAFIC FRAGMENTAL									
		- in part speckled,									
		- buff coloured sericitic clasts									
291.6	291.8	MAFIC DYKE (?) Or Tuff (?)									
		- as before									
			570	290	295.6	5.6'	.01	tr			
291.8	295.6	ALTERED MAFIC FRAGMENTAL									
		- sericite-carb alteration									
		- some narrow sections higher in chlorite									
		- 292 - 2cm qtz-carb vein, diss py, at 90°									
		- 292.3 - 8cm qtz-carb vein zone with 10% diss py									
		- 294-295 - 5%-10% diss pyrite									
		- 295 -2cm qtz vein, minor carb, at 65°									
		- 295 - 295.6 - diss tourmaline									
295.6	299.2	MAFIC DYKE (?) Or Tuff (?)									
		- as before , fine grained									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
299.2	299.6	ALTERED MAFIC FRAGMENTAL									
		- sericite-carb alteration									
299.6	301.5	MAFIC DYKE (?) Or Tuff (?)									
		- as above									
301.5	302.1	ALTERED MAFIC FRAGMENTAL									
		- sericitic-carb alteration									
		- 302 - 1cm qtz vein at 70°, minor carb									
302.1	303	MAFIC DYKE (?) Or Tuff (?)									
		- as before									
303	304.2	ALTERED MAFIC FRAGMENTAL									
		- sericite carb alteration									
304.2	310.4	MAFIC DYKE (?) Or Tuff (?)									
		- possible lapilli tuff									
		- foliated at 50° to C.A.									
310.4	313.5	ALTERED MAFIC FRAGMENTAL									
		- sericitic									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
313.5	317	MAFIC DYKE (?) Or Tuff (?)									
		- as before									
317	324.8	ALTERED MAFIC FRAGMENTAL									
		- sericite-carb alteration									
		- minor diss py, chl in matrix									
		- 321.1 - 5mm qtz-carb vein at 90°									
		- 321.4 - 1cm carb vein at 50°									
		- 322.4 - 1cm contorted qtz-carb vein at 50°									
		- 322.9 - 2cm qtz-carb vein with diss py, tourmaline at 90°, area adjacent to vein with 5% pyrite									
			571	320	325	5'	.015	tr			
324.8	335.5	ALTERED MAFIC FRAGMENTAL									
		- darker green, more chlorite									
		- cut by numerous carb seams, stringers									
		- minor diss pyrite locally to 1%									
		- 330.5 - diss tourmaline									
335.5	336.4	ALTERED MAFIC FRAGMENTAL									
		- sericitic, buff coloured									
		- granular, speckled texture									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
336.4	353	ALTERED MAFIC FRAGMENTAL									
		- chloritic, dark green									
		- minor diss py									
		- 337.1 - 1cm qtz-carb vein, tr tourmaline at 85°									
		- 337.8 - contorted qtz-carb vein at 30° to C.A.									
		- 343.2 - 345 - fairly massive, minor diss py									
		- 345-351 - good fragmental, stretched clasts									
		- frags becoming buff coloured but matrix still dark									
		green, chloritic									
		- 350 - schistosity at 55° to C.A.									
		- 351-353 - massive medium green mafic.									
	353	END OF HOLE									
		Dips - Collar -50°									
		(corrected) 150 -50°									
		300 -46°									
		Don Mullen									

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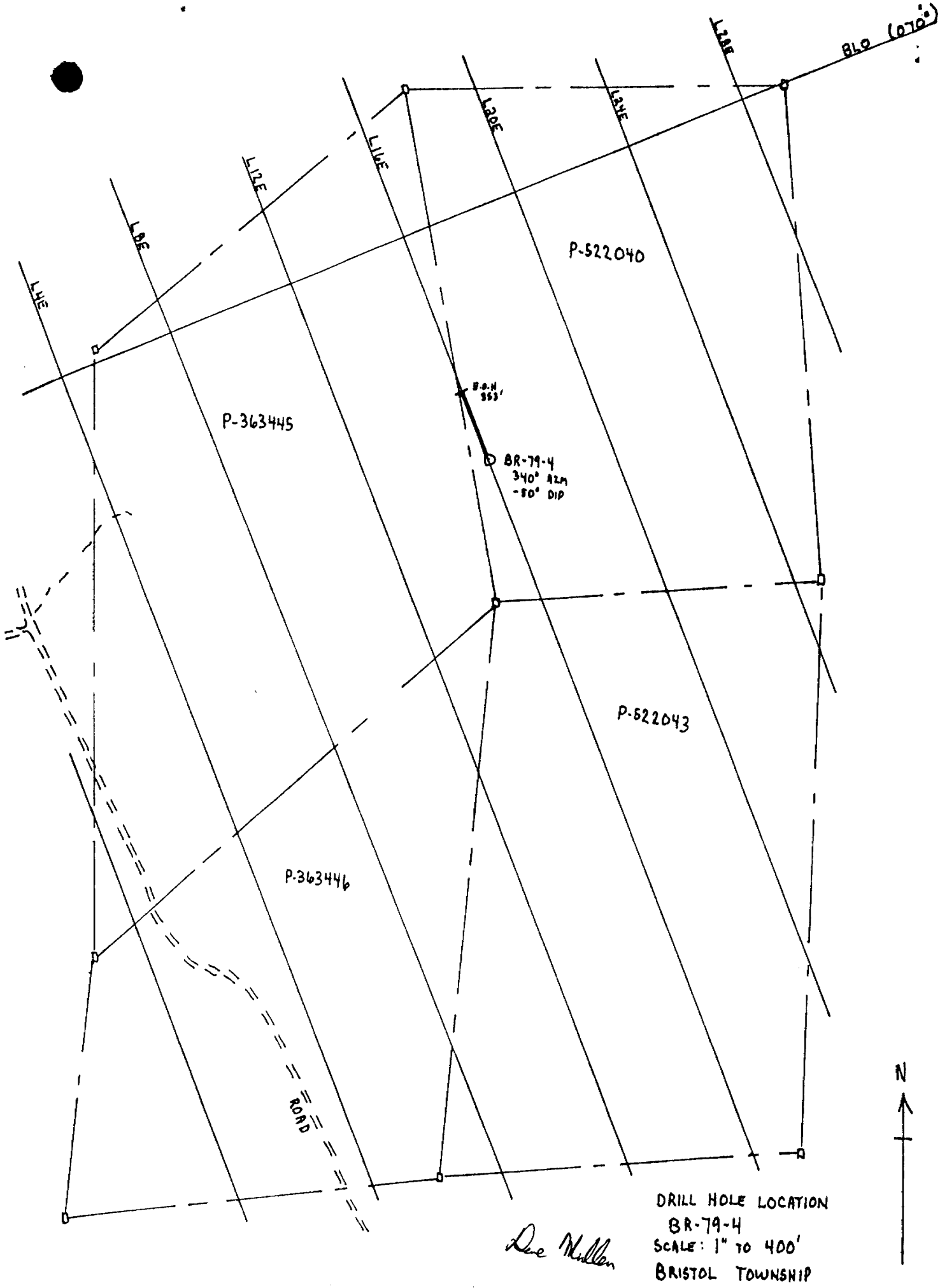
L28E
BL0 (070°)
L24E
L20E
L16E
L12E
L8E
L4E
P-522040
B.O.H. 353'
BR-79-4
340° AZM
-50° DIP
P-363445
P-522043
P-363446
ROAD
N
DRILL HOLE LOCATION
BR-79-4
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

P363445

Texasgulf

PROPERTY Allerston Option PROJECT 79 CONTRACTOR Bradley Bros START Nov 3 FINISH Nov 6/79

HOLE No. BR-79-6 LAT. _____ DEP. _____ ELEV. _____ LOC. L12+00E; 13+50S AZ. 340° ANGLE -50° DEPTH 431' CASING 110'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
0	110	CASING									
110	128.6	ALTERED MAFIC VOLCANIC	595	110	115	5'	Tr	Tr			
		- sericitic, carbonated, light grey to buff									
		- massive granular speckled	596	115	120	5'	Tr	Tr			
		- minor diss py									
		- limonite stain 110-111', 117.6', 123.9-125', 125.9', 126.5-127.5'	597	120	125	5'	Tr	Tr			
		- 110' broken qtz vein									
		- 115' - 2.5cm qtz vein, trace tourmaline, at 30°	598	125	126.6	5'	Tr	Tr			
		- 116.6' - 10cm qtz vein at 45°, crosscutting schistosity, trace pyrite									
		- 124.2' - 1.5cm qtz vein at 90°									
		- 125' - schsitosity at 50° to C.A.									
		- 127.5-128.6' - broken core, clay covered									
128.6	137	CLAY									
		- yellow-brown, sticky									
		- with broken core									
		- could be a seam or fault gouge?									
		- 130.5-132' - clay washed away									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
128.6	137	Con't									
		- 132-137' - badly broken core, clay covered									
		- core mainly dark green chloritic									
137	241	ALTERED MAFIC VOLCANIC									
		- dark green, chloritic, massive, possibly pillowed									
		- darker chloritic seams, minor carb									
		- 137' - minor hematite									
		- scattered epidote, minor diss py									
		- occasional carb seams, patches, 146', 146.5', 148.7'									
		- 146.9' - narrow boudanaged qtz vein at 80°, crosscutting									
		- 151.4 - qtz patch									
		- 167.6', 168.4', epidote clots with qtz patches									
		- 170' - schistosity at 40°									
		- 175.5' - qtz patch									
		- 179.4-179.7' - bleached silicified zone, carb rich									
		- 183' - 1cm qtz-carb vein at 40°									
		- scattered chlorite seams, patches									
		- 187-193' - bleached zone - light green appears partially fragmental(?)									
		- 194.5-195' - qtz-carb vein with chloritic wallrock inclusions, odd speck py									
		at ~40°									
		- 199.5' - 1cm qtz vein at 80°									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
137	241	Con't									
		- increases in chlorite carb patches downhole									
		- still quite massive									
		- 207.8' - 1cm qtz-carb vein at 45°, in part boudanaged									
		- 210.5' - epidote clots									
		- 223-224' - bleached zone, light green									
		- 226.2 - 1cm qtz-carb vein at 45°									
		- 227.5-228' - qtz arb patch									
		- 235.5' - qtz patch									
		becoming quite banded from 236'									
241	295.5	ALTERED MAFIC VOLCANIC									
		- increase in sericite alteration									
		- lighter grey - more buff coloured, gradational change									
		- carbonated, banded streaky appearance									
		- 245' - schsitosity at 40° to C.A.									
		- some bands bleached with fine grained sections									
		- minor diss pyrite, minor chlorite seams									
		- 254.5' - carb patch									
		- 255.1' - wormy looking narrow qtz vein	599	260	265	5'	Tr	Tr			
		- 264.8' - 2cm qtz patch									
		- 265.3' - 3cm qtz-carb vein, trace diss pyrite	600	265	270	5'	Tr	Tr			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
241	295.5	Con't									
		- becoming granular and speckled 266-273'									
		- 273' - fine grained zone, ending at 278'	601	270	275	5'	Tr	Tr			
		- 272.9' - 1cm qtz-carb vein at 40°									
		- 274.3' - 2cm dark grey qtz-carb vein at 45°									
		- 274.5' - 5% diss pyrite	602	275	280	5'	Tr	Tr			
		- 275.4' - 2.5cm qtz vein at 90°									
		- 278-282' - streaky, in part chloritic, speckled zone, fine grained									
		- 280'- 2cm qtz vein at 50°									
		- 282' - granular speckled massive zone, minor chlorite seams									
		- 290-295' - narrow bleached sections									
295.5	344	ALTERED MAFIC VOLCANIC									
		- dark green chloritic, still granular and speckled									
		- massive, in part streaky and bleached									
		- increase in effervescent carbonate									
		- becoming quite dark downhole									
		- minor diss pyrite scattered throughout < 1%									
		- 300' - schistosity at 50°									
		- 303.4' - qtz-carb patch									
		- 315' - qtz-carb zone									
		- 324-325' - diss tourmaline	603	324	326	5'	Tr	Tr			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
295.	344	Con't									
		327-330' - slightly vuggy core									
		333' - speckling increases									
		335-344' - bleached lighter green section									
		- limonite stain 334.8', 337.5', 339'									
344	415	ALTERED MAFIC VOLCANIC									
		- increase in sericite, lighter buff coloured									
		- granular speckled massive									
		- becoming streaky and banded at 346'	604	345	350	5'	Tr	Tr			
		- 348.5' - 9cm qtz-tourmaline vein with wisps sericite, trace pyrite, carb									
		- 350' - schistosity at 55°									
		- 351.4' - qtz patch	605	350	355	5'	Tr	Tr			
		- 353.7' - 7cm qtz-carb veining with pink carbonate trace py.									
		NB - pink carb could indicate proximity to fault zone (P. Coad, per. comm.)									
		- 354-355' - increase in pyrite	606	355	360	5'	Tr	Tr			
		- 357-367' - dark grey, massive									
		- 367' - becoming lighter grey	607	360	365	5'	Tr	Tr			
		- 367.6' - 1.5cm qtz vein at 45°, minor carb									
		- 368-369' - well banded at 45°	608	365	370	5'	Tr	Tr			
		- 373.3' - 5% diss pyrite	609	370	375	5'	Tr	Tr			
		- 379' - narrow qtz vein at 50°	610	375	380	5'	Tr	Tr			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
344	415	Con't									
		- minor chlorite seams, wisps scattered throughout	611	380	385	5'	Tr	Tr			
		- 384.9' - 1cm qtz vein at 80°, trace chalcopyrite									
		- 390-391' - speckled texture	613	385	390	5'	Tr	Tr			
		- 391' - 1cm qtz vein surrounded by limonitic stained zone									
		- 393-406' - increase in pyrite up to 5% near veins	613	390	395	5'	Tr	Tr			
		- 396.8' - 12cm qtz-tourmaline vein at 80°									
		- 397.8' - 4cm qtz vein, trace pyrite, tourmaline at 60°, crosscutting sch.	614	395	400	5'	Tr	Tr			
		- 399' - 8cm tourmaline vein, minor qtz-carb-sericite, pyrite, at 60° cross-									
		cutting schistosity	615	400	405	5'	Tr	Tr			
		- 400' - schistosity at 50°									
		- 400.9' - 2cm qtz vein at 90°									
		- 402.9' - 1.5cm qtz-tourmaline-pyrite vein, minor sericite									
		409.3' - amygdules ?									
415	420.5	ALTERED MAFIC FRAGMENTAL									
		- gradational contact, still sericitic									
		- dark grey to buff-grey									
		- possible flow breccia									
		- very stretched clasts									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
420.5	423	ALTERED MAFIC VOLCANIC									
		- massive, fine grained									
		- 2% diss pyrite									
		- sericitic									
423	431	ALTERED MAFIC FRAGMENTAL									
		- possible flow breccia, stretched clasts									
		- 1% diss pyrite									
		- 424.4' - 1.5cm qtz vein at 90°, irregular									
		- 425.9' - 2cm qtz vein at 60°									
	431	END OF HOLE									
		Dips Collar -50°									
		Corrected 150' -53°									
		300' -47°									
		430' -46°									
		Rod Mullen									

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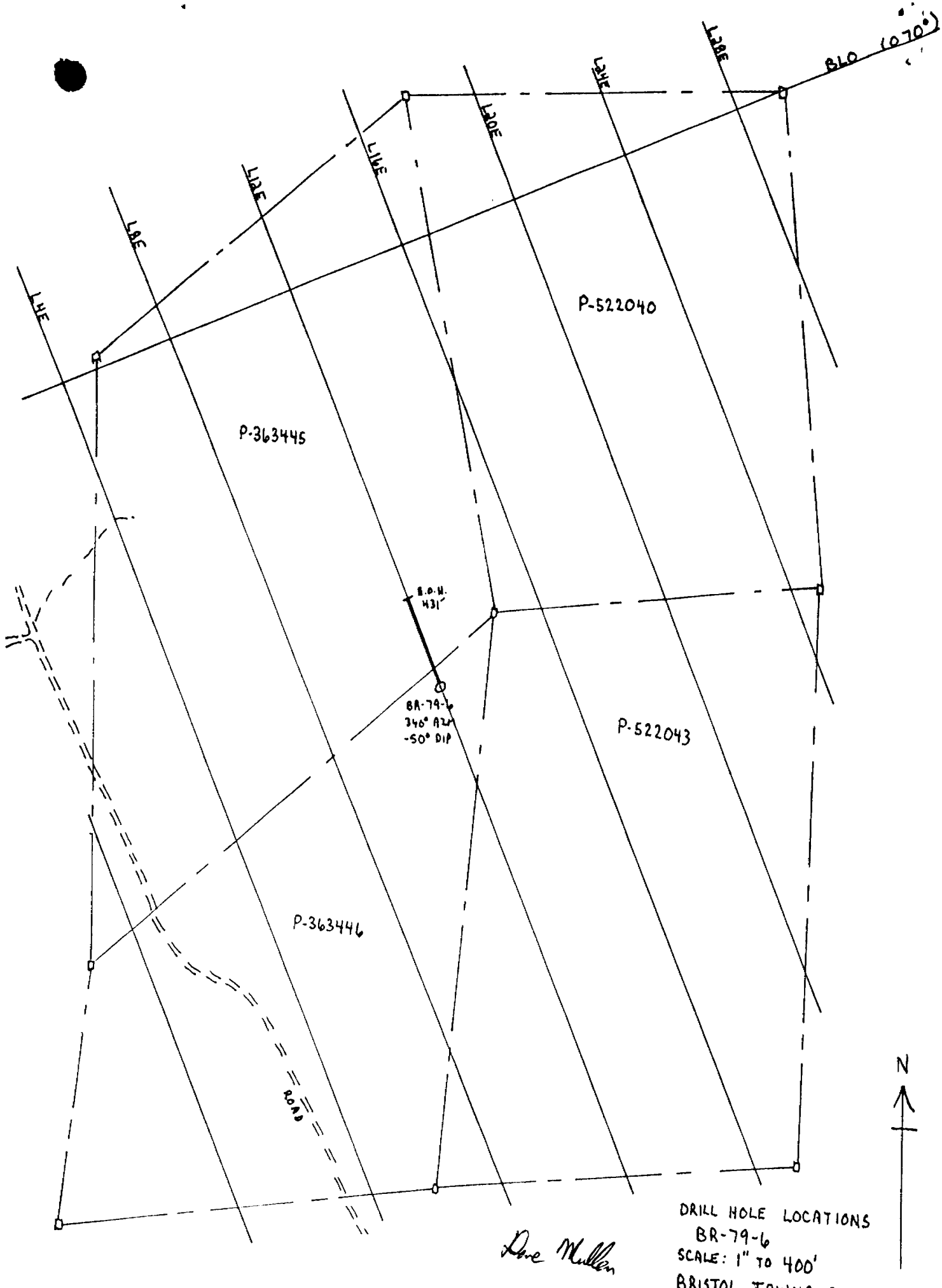

Dave Mullen

DRILL HOLE LOCATIONS
BR-79-6
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros. START Oct 30 FINISH Oct 31/79

HOLE No. BR-79-05 LAT. _____ DEP. _____ ELEV. _____ LOC. L12+00E; 6+50S AZ. 340° ANGLE -50° DEPTH 301 CASING 12'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
0	12	CASING									
12	22.8	ALTERED MAFIC FRAGMENTAL									
		- possibly variolitic	4237	12	20	8	5				GEOCHEM ppb
		- chloritic matrix but clasts are lighter grey									
		- carbonate rich, minor diss pyrite	572	20	25	5'	Tr	Tr			
		15' - 1cm qtz vein at 90°									
		- speckled textures start at 17'									
		- 22.7 - 2.5cm qtz-carb-tourmaline vein at 75° trace pyrite, carb									
		concentrated near vein edges.									
22.8	37	ALTERED MAFIC FRAGMENTAL(?)									
		- very stretched clasts, buff coloured									
		- mainly sericite-carbonate alteration									
		- minor pyrite, trace tourmaline	573	25	30	5'	Tr	Tr			
		- speckled textures continues	574	30	35	5'	Tr	Tr			
		- minor chlorite in matrix	575	35	40	5'	Tr	Tr			
		- limonite stain 24.2-25.7, 29-29.8, 31.1-31.8									
●		- 33' schistosity at 40°									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
22.8	37	Con't									
		- 35.5' - 2cm qtz-carb vein at 75° to C.A., trace py									
37	115.2	ALTERED MAFIC FRAGMENTAL									
		- increase in chlorite content, clasts light green									
		- in places matrix appears to be altered glass									
		- 38.3' - 1cm qtz vein at 60°, minor carb									
		- 39.7' - 2cm qtz vein at 60°, minor carb									
		- 39.8' - 1cm qtz vein at 55°									
		- 41.6-41.8'- granular zone, minor speckling	4238	40	50	10'	45				GEOCHEM ppb
		- 48.7'- 1cm qtz-carb vein with trace py at 80°									
		- 50' - schistosity at 50° to C.A.	4239	50	60	10'	5				GEOCHEM ppb
		- clasts become buff coloured near 53'									
		- 57.5' - 1cm qtz vein at 70°, trace pyrite, tourmaline									
		- 58.1' - 2cm qtz-carb vein at 80°									
		- 58.3, 58.5' - 1cm qtz-carb veins at 60°, trace pyrite									
		- increase in speckling from 60'									
		- 63.7' - 4cm qtz-carb vein at 85°, crosscutting sch	4240	60	70	10'	5				GEOCHEM ppb
		- 65.8' - 5cm qtz vein at 85° to C.A.									
		- 67.3' - 1.5cm qtz-carb vein at 55° to C.A.									
		- 71.9' - 5mm qtz vein at 90°									
		- 73.8' - 2.5cm qtz-carb vein at 50°	4241	70	80	10'	10				GEOCHEM ppb

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
37	115.2	Con't									
		-74.9' - 1cm qtz-carb vein at 60°									
		- 77' - 1cm qtz-carb vein at 70°, crosscutting schistosity									
		- 80.2' - 1cm qtz-carb vein at 65°	4242	80	90	10'	45				GEOCHEM ppb
		- 81.6' - 1cm qtz-carb vein at 80°									
		- fragments become buff coloured from 87' to 93'									
		- 94' - broken 2cm qtz vein	4243	90	100	10'	45				GEOCHEM ppb
		- 95.7-101' - fairly massive fine grained chloritic zone									
		- 97' - 1cm qtz-carb veins at 90°									
		- 99.7' - 2cm qtz-carb vein at 60°									
		- 100' - schistosity at 45°	4244	100	110	10'	25				GEOCHEM ppb
		- 107-109' - fine grained, fairly massive									
		- 115.2' - 1cm qtz-carb vein at 60°	4245	110	115	5'	5				GEOCHEM ppb
115.2	127.5	ALTERED MAFIC FRAGMENTAL									
		- increase in sericite, pyrite in matrix									
		- minor chlorite, light buff coloured clasts									
		- 117.2' - contorted schistosity	576	115	120	5'	Tr	Tr			
		- 123.8' - 2cm qtz vein at 80°	577	120	125	5'	Tr	Tr			
		- 123.8-126.5' - finely fragmental, dark chloritic matrix	578	125	130	5'	Tr	Tr			
		- 124.8' - 2cm contorted qtz-carb vein at 50°, crosscutting schistosity									
		- 126.5' - 5cm qtz-carb vein at 90°, trace sericite									

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
127.5	144.8	ALTERED MAFIC FRAGMENTAL									
		- increase in chlorite									
		- finely fragmental, somewhat granular									
		- 128.8' - 2cm qtz vein, diss pyrite at 55°, crosscutting									
		- 129.4 - 1cm qtz vein at 60°	579	130	135	5'	Tr	Tr			
		- 131' - narrow limonite stain									
		- 131.6' - 1,5cm qtz vein at 65°, partly contorted, crosscutting schistosity									
		- 134-136.3' - buff coloured clasts in chloritic matrix surrounding a 1.5cm	580	135	140	5'	Tr	Tr			
		qtz-pyrite vein at 20°, crosscutting at 135.3'									
		- 136.3' - kink band, contorted schistosity									
		- 136.4-139' - fairly massive looking									
		- 137.8' - minor limonite stain									
		- 138.2' - 1cm qtz-carb vein at 80°, crosscutting									
		- 139-140' - good fragmental texture	581	140	145	5'	Tr	Tr			
		- 140' - becoming fine grained, granular									
		- 142-144.8' - increase in pyrite, diss tourmaline, carbonate rich									
144.8	166	ALTERED MAFIC FRAGMENTAL									
		- buff coloured clasts, dark chloritic matrix									
		- many carb seams	582	145	150	5'	.07	.02			
		- 147.6' - qtz patch									
		- fuchsite stain surrounding 5mm milky qtz vein at 147.5', trace pyrite, tourmaline									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
144.8	166	Con't									
		- minor chlorite blebs in light grey zone near above qtz vein	616	150	155	5'	Tr	Tr			
		- 150' - schistosity at 50°									
		- 152.9' - 2cm qtz-carb vein at 60°, trace pyrite	617	155	160	5'	.01	.02			
		- 157.8' - 5mm qtz-carb vein at 75°, trace pyrite									
		- speckled textures start at 160'	4246	160	170	10'	5				GEOCHEM ppb
166	180	ALTERED MAFIC FRAGMENTAL									
		- chlorite-carbonate schist, very stretched clasts									
		- carb seams, stringers, diss pyrite, tourmaline < 1%									
		- 168' - 1cm qtz vein at 70°, trace carb									
		- 173' - 1cm qtz vein at 80°, crosscutting schistosity	4247	170	180	10'	5'				GEOCHEM ppb
		- 178.8' - 1cm contorted qtz vein at 80°, crosscutting sch, trace serisite									
		- 179' - increase in tourmaline									
180	184	ALTERED MAFIC FRAGMENTAL									
		- slight increase in sericite, still chloritic	4248	180	190	10'	10				GEOCHEM ppb
		- 182.4' - kink bands									
184	200.8	ALTERED MAFIC FRAGMENTAL									
		- possibly altered glassy matrix	4249	190	200	10'	5				GEOCHEM ppb
		- chlorite-carbonate alteration									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
184	200.8	Con't									
		- clasts very stretched but slightly sericitic									
		- clasts becoming buff coloured by 198 in chlorite matrix									
		- 200.2' - 5mm qtz vein at 70°, crosscutting schistosity									
200.8	301	ALTERED MAFIC FRAGMENTAL									
		- abrupt change to lighter coloured more sericitic mafic fragmental, little									
		chlorite									
		- clasts have become exceedingly elongated and core takes on a very streaky	583	200	205	5'	Tr	Tr			
		banded appearance									
		- 201' - schistosity at 60°									
		- 201.1' - 5mm qtz vein, trace pyrite at 20°									
		- 202.5' - 3cm qtz-carb vein at ~10°, trace pyrite									
		- 205.8' - 1cm qtz vein at 80°, trace pyrite, tourmaline									
		- 206.2' - 1.5cm qtz-carb vein at 80°, trace pyrite	584	205	210	5'	.005	Tr			
		- 207.3' - 20cm qtz-carb vein with wallrock inclusions, minor pyrite, tourmaline									
		- 208.3' - 2cm qtz-carb vein at ~30°									
		208-211' - possible variolites, very uniform clasts? still stretched	585	210	215	5'	Tr	Tr			
		212.5' - 2cm qtz vein at 60°									
		213.2' - 1cm qtz vein at 60°									
		216.5-218.5' - fine grained, buff coloured section, diss py, scattered chlorite									
		clots									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
200.8	301	Con't									
		- 219.4'- 1.5cm qtz vein at 60°, crosscutting sch, trace pyrite	586	215	220	5'	Tr	Tr			
		- 220.5'- 1cm qtz-carb vein at 50°	587	220	225	5'	Tr	Tr			
		- 223' - speckled texture starts									
		- 224.1' - qtz-carb patch, diss pyrite									
		- 225-233' - matrix more chloritic	588	225	230	5'	Tr	Tr			
		- 225.1' - 1cm qtz-carb vein at 60°, trace tourmaline									
		- 232.2' - diss tourmaline	589	230	235	5'	Tr	Tr			
		- 234.8' - qtz-carb patch									
		- 235.9' - several narrow crosscutting qtz veins									
		- 236.5-238' - more massive, medium grey colour	590	235	240	5'	.005	Tr			
		- 237.4' - 1cm qtz vein at 80° crosscutting									
		- 238.3' - qtz patch with diss tourmaline, pyrite, sericite									
		- 239.9' - 1.5cm qtz-carb vein with albite at 90°, trace pyrite, tourmaline,									
		pyrite increases to about 5% close to above vein									
		- 240.3' - 1cm qtz-carb vein, trace albite at 30°, crosscutting schistosity,	591	240	245	5'	.04	.02			
		pyrite near contacts									
		- 243.1' - 2cm qtz vein at 90°, diss pyrite, tourmaline	618	245	250	5'	Tr	Tr			
		- 244.3' - diss tourmaline									
		- 244.5' - 3cm qtz vein at 90°, trace tourmaline	619								
		- 245.1' - specks chalcopyrite									
		- 250' - schistosity at 55° to C.A.									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
2008.	301	Con't									
		- 252' - qtz-tourmaline patch	619	250	255	5'	0.005	Tr			
		- 253.1' - 5mm carb vein at 90°, trace tourmaline									
		- 256.9' - 5mm carb vein at 60°	4250	255	265	10'	10				GEOCHEM ppb
		- 260.9' - 2cm qtz vein, diss tourmaline at 70°, becoming darker grey from ~261'									
		- 263.5-264.5' - massive granular zone									
		- 267' - 4cm qtz-carb vein at 55°	4251	265	275	10'	20				GEOCHEM ppb
		- 268-270' - 4 very narrow wormy-looking qtz vein at 80°, crosscutting sch.									
		- 271' - speckled zone									
		- 275.6' - 2cm qtz vein bordered by tourmaline, trace pyrite									
		- 277' - diss tourmaline near qtz-sericite patch	592	275	280	5'	Tr	Tr			
		- 284' - qtz-carb patch, trace pyrite, chalcopyrite, tourmaline	593	280	285	5'	Tr	Tr			
		- 285.5' - narrow seam pyrite									
		- 286.3' - fuchsite stain									
		- 286.5' - 1.5cm qtz vein at 90°									
		- 287.6' - 5mm qtz vein, trace tourmaline at 80°	594	285	290	5'	Tr	Tr			
		- 289 - trace fuchsite									
		- 291 - contorted schistosity	4252	290	301	11'	45				GEOCHEM ppb
		- 294.5' - 1cm qtz vein at 70°, trace fuchsite									
		- 295-301' - speckled textures, becoming much darker grey but still sericitic, speckle size increases downhole									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
200.8	301	Con't									
		297'- diss tourmaline									
		300'- schistosity at 55° to C.A.									
	301	END OF HOLE									
		Dips COLLAR -50°									
		Corrected 150' -45°									
		300' -37°									

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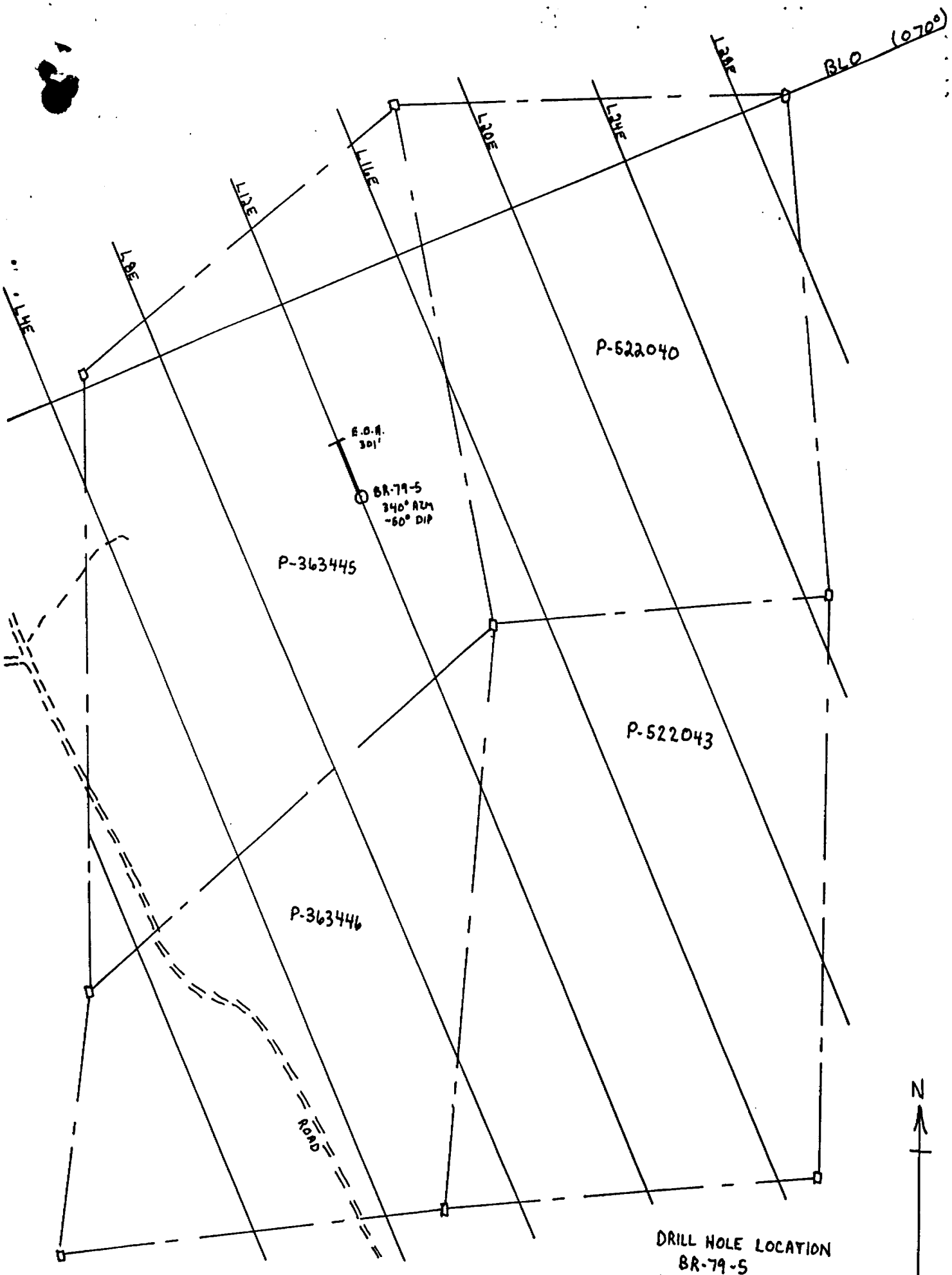

DRILL HOLE LOCATION
BR-79-5
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros. START Nov8/79 FINISH Nov 11/79

HOLE No. BR-79-7 LAT. _____ DEP. _____ ELEV. _____ LOC. L16+00W; 18+00S AZ. 340° ANGLE -50° DEPTH 401' CASING 144'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
0	144	CASING									
144	159	ALTERED MAFIC VOLCANIC? REGALITH, Residual Soil, Oxidized Zone?	620	144	154	10'	Tr	Tr			
		- very broken, clay rich, gravelly									
		- rusty brown, somewhat bleached where discernable	621	154	164	10'	Tr	Tr			
		- slightly chlorite									
		- much scattered black dendritic pyroclucite on joint and fault planes (5%)									
159	182.2	MAFIC DYKE, DIABASE? REGALITH, Residual Soil, Oxidized Zone?	622	164	174	10'	Tr	Tr			
		- darker coloured feldspar porphyritic unit, diabase?									
		- core still broken, ground, gravelly									
		- good euhedral feldspar clots at 171'	623	174	184	10'	Tr	Tr			
		- 160.2', 173.8' - yellow soft waxy mineral?									
		- seams, lost core 162-164', 166-168', 179-182'									
		- scattered pyrolucite									
182.2	263.9	ALTERED MAFIC VOLCANIC? Regalith, Residual Soil, Oxidized Zone?	624	184	194	10'	Tr	Tr			
		- very broken ground, gravelly core									
		- rusty brown, clay rich									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
182.2	263.9	Con't									
		- pyrolucite blebs, dendrites on joint planes									
		- volcanic is light odoured, massive or possibly pillowed(?) when enough core									
		is intact									
		- 190' possible selvage									
		- 192.2' - ground qtz vein	625	194	204	10'	Tr	Tr			
		- 200' - schistosity at 35° to C.A.									
		- 204-205' - granular speckled zone	626	204	214	10'	Tr	Tr			
		- 206' - becoming quite dark									
		- 210' - possible carb filled amygdules									
		- 214.5-220.5' - 6ft clay washed away, lost core	627	214	224	10'	Tr	Tr			
		- 224.6' - ground qtz vein									
		- 225' - schistosity at 45° to C.A.	628	224	234	10'	Tr	Tr			
		- 233.2, 234.5' ground qtz vein	629	234	244	10'	Tr	Tr			
		- lost core 239.5-241.5', 249.5-251.5', 260-263.9'	630	244	254	10'	Tr	Tr			
			631	254	264	10'	0.005	Tr			
263.9	307	ALTERED MAFIC VOLCANIC									
		- good return, not ground	632	264	270	6'	Tr	Tr			
		- massive light grey mafic cut by numerous carbonate veinlets, stringers									
		- fine grained, trace diss pyrite, slightly sericitic									
		- 268.7-276' - fine granular texture									
		- 270', - schistosity at 45° to C.A.									

LOGGED BY: D. Mullen DATE: Nov. 1979 PROPERTY Allerston Option HOLE No. BR-79-7 PAGE No. 2

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
263.9	307	Con't									
		- 274.1' - 1.5 cm qtz vein at 55°, trace pyrite	633	270	275	5'	Tr	Tr			
		- 276-277' - streaky sericitic fine grained zone possibly fragmental(?)									
		- 275-289' - zone containing several very narrow qtz veins at approximately 50°	634	275	280	5'	Tr	Tr			
		to C.A. accompanied by an increase in pyrite (2%)									
		- 281.6-285' - streaky sericitic zone - streaks at 40° to C.A.	635	280	285	5'	Tr	Tr			
		- 283.5' - narrow band diss tourmaline (?)									
		- 292.2' - qtz-carb patch with 5% pyrite, wisps sericite	636	285	290	5'	Tr	Tr			
		- 294-295' - carb rich zone, effervescent									
		- 296.2' - 1cm qtz vein at 50°	637	290	295	5'	Tr	Tr			
		- 298.9' - 1cm qtz vein at 50°, wisps sericite	638	295	300	5'	Tr	Tr			
		- 307.9' - 2cm qtz-carb vein at 70°, wisps sericite	639	300	307	7'	Tr	Tr			
307	317	ALTERED MAFIC VOLCANIC	4275	307	317	10'	10				GEOCHEM ppb
		- massive, light green, increase on chlorite alteration									
		- possibly fragmental 309-315'									
317	330	ALTERED MAFIC VOLCANIC									
		- light grey, sericitic, carbonate alteration	640	317	3235	6.5'	Tr	Tr			
		- initially streaky becoming massive at 330'									
		- 329' - schistosity at 40° to C.A.	641	3235	330	6.5'	Tr	Tr			
		- 330' - 1cm qtz-carb vein at 70°									

LOGGED BY: D. Mullen DATE: Nov. 1979 PROPERTY Allerston Option HOLE No. BR-79-7 PAGE No. 3

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
330	401	ALTERED MAFIC VOLCANIC									
		- light green, slightly chloritic									
		- very massive, fine grained	4276	330	340	10'	15				GEOCHEM ppb
		- faint schistosity									
		- occasional chlorite wisps, seams	4277	340	350	10'	5				GEOCHEM ppb
		- 340.6' - narrow qtz vein at 60°									
		- 350' - schistosity at 30°									
		- 351.5' - qtz-carb veinlet at 75°	4278	350	360	10'	15				GEOCHEM ppb
		- 354' - qtz-carb veinlet at 50°									
		- 358.5-359' - foliated carbonated zone									
		- 359', 359.2', 363.1', 1cm qtz-carb veins at 50°									
		- 368.5' - narrow brecciated zone									
		- 369.5-371' - brecciated zone	4279	360	370	10'	10				GEOCHEM ppb
		- 379-382' - bleached, carbonated, possible breccia zone, carbonate veins run at shallow angle to core	4280	370	380	10'	5				GEOCHEM ppb
		- 384.9-385.3' - 3 5mm qtz-carb veins at 55° to 80° to C.A.									
		- 390.5-391' - bleached carb zone with wormy-looking qtz veins	4281	380	390	10'	10				GEOCHEM ppb
		- 393.5-395' - breccia zone? stretched clasts?									
		- 396' - becoming much darker green, more chloritic	4282	390	401	11'	10				GEOCHEM ppb
		- 400' - schistosity at 50° to C.A.									
		Dips Collar -50°									
		Corrected 150 -51°									
		300 -47°									
		400 -47°									
	401	END OF HOLE									

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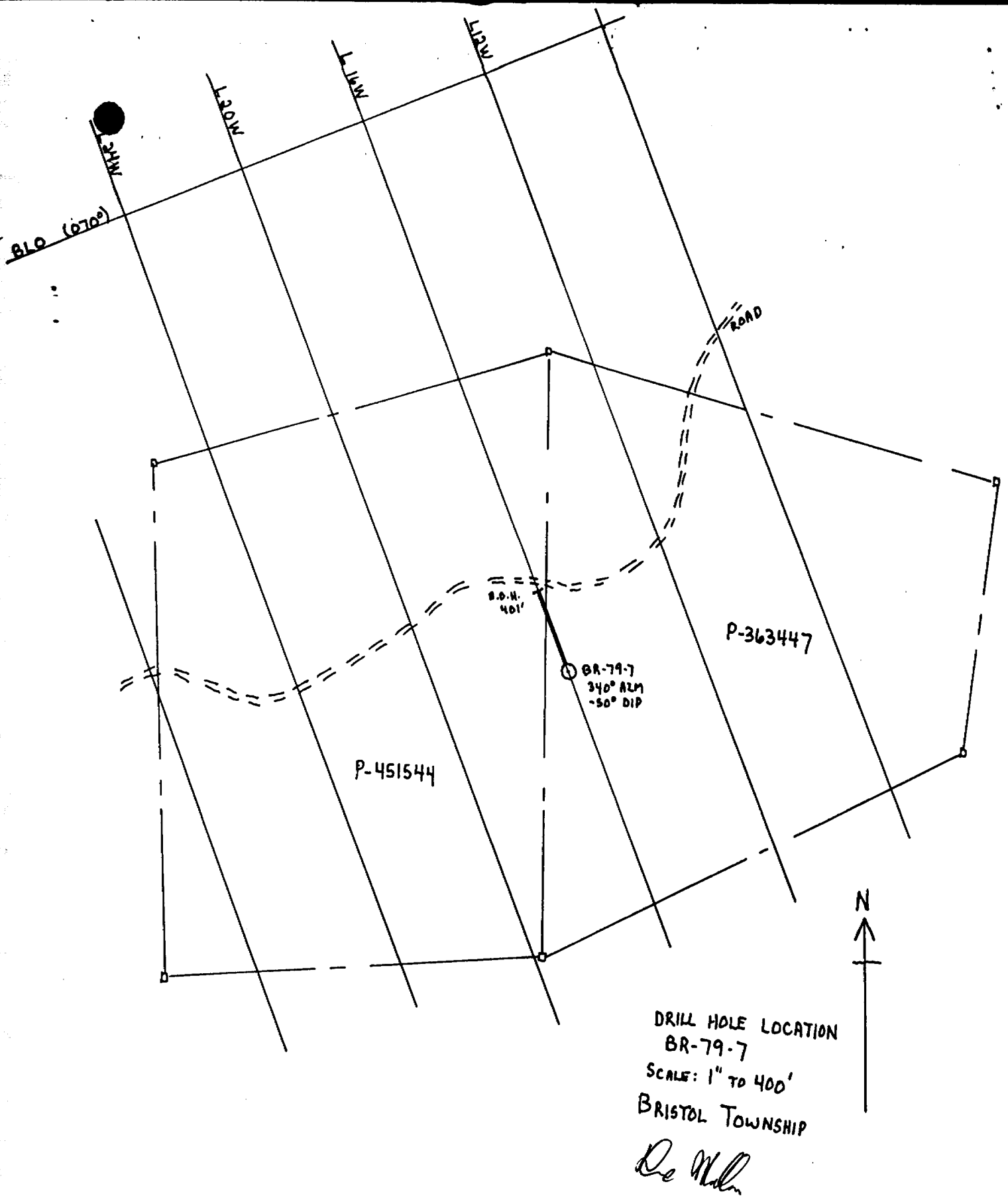

DRILL HOLE LOCATION
BR-79-7
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros. START Nov 16 FINISH Nov 20/79

HOLE No. BR-79-09 LAT. _____ DEP. _____ ELEV. _____ LOC: 37+50W, 5+00S AZ. 340° ANGLE -45° DEPTH 350ft CASING _____

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
0	10	CASING									
10	21.6	ALTERED MAFIC VOLCANIC									
		- initially (4cm) a dark green granular limonitic stained mafic grading									
		into a streaky fine grained sericitic carbonated mafic with minor chlorite	662	10	15	5'	Tr	Tr			
		- cut by several quartz veins	663	15	20	5'	Tr	Tr			
		- occasional cube of pyrite throughout									
		- schistosity at 45° to C.A.									
		- 14.8 - 3cm quartz vein at 45°									
		- 15.9 - 1.5cm quartz vein with limonite stain at 30°, partly crosscutting schistosity across long axis									
		- 16.2 - 1cm quartz vein with diss tourmaline at 65°									
		- 17 - narrow wormy quartz vein at 45°									
		- 18.8 - 1cm quartz vein, possible fuchsite, trace pyrite, tourmaline at 65° to C.A.									
		- 19-21.5 - strongly sericitic section with 5% pyrite									
		- 20.9 - very fine accicular tourmaline crystals on sericitic slip face									
		- 21 - 2cm quartz vein, trace sericite, tourmaline, possible albite									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
21.6	25	ALTERED MAFIC VOLCANIC									
		- darker green, chloritic, speckled with carbonate									
		- increase in pyrite and sericite around narrow quartz veins at 23.3, 24.2, 24.7	664	20	25	5'	Tr	Tr			
		- 24.2 - 0.5cm quartz-albite vein at 80°									
		- 24.7 - 1cm quartz-albite-tourmaline-sericite vein at 40°									
		- albite concentrated along vein boundaries									
25	79.5	ALTERED MAFIC VOLCANIC									
		- buff coloured sericitic alteration									
		- some carbonate, disseminated pyrite, trace tourmaline	665	25	30	5'	Tr	Tr			
		- very streaky textures									
		- 26.4 - 1cm quartz vein at 90°									
		- 27.2 - 1cm quartz vein at 50°	666	30	35	5'	Tr	Tr			
		- 28.1 - 1cm quartz vein at 40°									
		- 28.5 - 29.4 - darker section with 2% pyrite									
		- 34.2 - 1cm boudinaged quartz vein									
		- 39 - fine speckling of carbonate									
		- 39.5 - 41 - strongly sericitic zone with 2% pyrite	667	35	40	5'	Tr	Tr			
		- 41 - contorted schistosity									
		- 42 - 42.4 - quartz-carb vein with sericitic wallrock inclusions, trace chlorite	668	40	45	5'	Tr	Tr			
		- 44 - 45 - possibly fine varioles, very stretched									
		- 46.3 - 47.9 - quartz "augens" up to 6mm in diameter with minor carbonate	669	45	50	5'	Tr	Tr			

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
25	79.5	Con't									
		46.4-47.9 - con't - in streaky sericitic possibly variolitic schist									
		47 - 49 - strongly sericitic, light buff coloured, possibly finely variolitic									
		47.6 - 2cm contorted quartz-carbonate vein at 90°									
		49 - 52.5 - sharp change to darker grey somewhat granular massive looking									
		sericitic-carb mafic									
		51.1 - narrow quartz vein lined with buff coloured sericite at 40°	670	50	55	5'	Tr	Tr			
		52.5 - lighter coloured, increase in pyrite, minor tourmaline									
		53.8 - 1.5cm pyrite-carb band at 25°									
		54 - 1cm pyrite-carb band at 35°									
		54.8 - narrow pyrite-carb band at 40°	671	55	60	5'	Tr	Tr			
		58 - 1cm pyrite-carb band at 45°									
		58.5 - 1cm pyrite-carb band at 45°									
		- above bands contain ~40% pyrite clots up to 5mm in diameter									
		- on surface these bands are represented by narrow foot long rusty bands									
		running parallel to the schistosity									
		- 55 - 59 - carbonate "augens" up to 3mm scattered throughout sericitic zone									
		- contorted schistosity, 57, 57.8, 62.5, 64, 69.5,									
		60 - schistosity at 50° to C.A.	672	60	65	5'	Tr	Tr			
		62-65 - schistosity flattens to 35°-40° to C.A.									
		65 - narrow chloritic, sericitic zone with carbonate									
		65.9 - narrow wormy qtz-albite-carb vein at 90°	673	65	70	5'	Tr	Tr			

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
25	79.5	Con't.									
		66.7 - scattered carbonate augens									
		69.5 - core quite streaky									
		70.9 - large pyrite blobs 5mm	674	70	75	5'	Tr	Tr			
		73 - 1cm pyrite carb band at 45°									
		pyrite clots up to 5mm									
		73 - 80 - core becoming very schistose and consisting of only 5mm -									
		1cm thick wafers									
		73 - 75 - schistosity flattens to 30°									
		75.1 - 75.5 - 10cm milky quartz vein with trace carbonate, speck pyrite	675	75	80	5'	.025	0.02			
		76.2 - 4cm pyrite-carb band, 50% sulphide, at 45° to C.A.									
		76.4 - 1.5cm quartz-carb vein at 45°									
		schistosity contorted and in part crenulated, 77, 78.5									
		77.4 - 5cm speckled chloritic zone, possibly variolitic??									
		78.8 - 1cm contorted quartz vein, trace carb, possibly albite									
79.5	87.5	ALTERED MAFIC VOLCANIC									
		- becoming darker, granular looking, less streaky									
		- more chloritic, fairly massive but still schistose									
		- minor disseminated pyrite									
		- cut by occasional carb seams, stringers	676	80	85	5'	Tr	Tr			
		83 - 86.5 - zone of strong speckling, grades from fine to coarse to fine speckles									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
79.5	87.5	Con't									
		83.1 - 1cm quartz carb vein at 70°	677	85	90	5'	Tr	Tr			
		84.3 - 1cm broken quartz-carb vein									
		85 - schistosity contorted									
		86.3 - 5mm broken quartz-carb vein									
		86.5 - 87.5 - dark fine grained sericitic-chloritic zone									
87.5	237	ALTERED MAFIC VOLCANIC									
		- increase in sericite, less chlorite									
		- becoming gradually lighter buff coloured downhole									
		- very little pyrite initially	678	90	95	5'	Tr	Tr			
		- 93-94 - dark chloritic zone with non-magnetic pyrrhotite? stringers									
		- 100 - schistosity at 40° to C.A.	679	95	100	5'	Tr	Tr			
		- 100 - becoming strongly sericitic with minor chloritic seams									
		- 105 - narrow wormy quartz vein	680	100	105	5'	Tr	Tr			
		- 114 - 114.5 - large carb-quartz vein with wisps sericite	681	105	110	5'	Tr	0.02			
		- 119.1 - 1cm clear quartz-albite vein at 65°	682	110	115	5'	Tr	Tr			
		- 119.6 - 1cm quartz-carb vein, trace pyrite at 60°	683	115	120	5'	Tr	Tr			
		- 124 - 125 - slightly darker, increase in chlorite	684	120	125	5'	Tr	Tr			
		- 125 - narrow band of disseminated tourmaline									
		- 129 - 131 - contorted schistosity	685	125	130	5'	Tr	Tr			
		- 130 - 132 - speckled									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
87.5	237	Con't									
		- 134.6 - fine granular texture	686	130	135.5	5.5'	Tr	Tr			
		- 135.5 - 138.5 - three feet lost core									
		- 141.5 - broken quartz vein with pyrite	687	138.5	143	4.5'	Tr	Tr			
		- 143 - 149 - increase in pyrite, strongly sericitic, very streaky	688	143	149	6'	Tr	0.02			
		cut by numerous quartz veins									
		- 143 - branching parallel and crosscutting quartz veining									
		- 143.8 - quartz veining with disseminated pyrite									
		- 144.2 - 146.2 - broken quartz-albite-tourmaline veins with 5% disseminated									
		pyrite and sericitic wallrock inclusions									
		- 147.2 - 2cm quartz-pyrite vein at 55°									
		- 147.9 - 1cm quartz-tourmaline vein at 60°									
		- 148-149 - streaky sericitic albite(?) zone with effervescent carbonate									
		and trace pyrite and quartz	689	149	155	6'	.005	0.02			
		- 150-156 - schistosity wanders from 30° - 50° .									
		- 153.3 - 154.4 - speckled zone									
		- 154.5 - 1cm quartz vein at 35°									
		- 155 - narrow broken milky quartz vein	690	155	160	5'	Tr	0.02			
		- 155.5 - narrow broken quartz vein with trace pyrite tourmaline									
		- 156.2 - narrow broken quartz vein									
		- 157 - schistosity at 50°									
		- 159 - 4cm qtz-albite sericite "zone"									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
87.5	237	Con't									
		- 160 - 170 - occasional narrow quartz vein, very carbonated	691	160	165	5'	Tr	Tr			
		- 170.2 - 2cm quartz vein, trace pyrite, tourmaline at 60°	692	165	170	5'	Tr	Tr			
		- 177.8 - 179.5 - strongly sericitic with diss pyrite 2%	693	170	175	5'	Tr	Tr			
		- 179.6 - 180 - lighter grey, carb mafic unit, sharp upper contact at 50°	694	175	180	5'	Tr	Tr			
		similar to light grey spotted chlorite zones in hole BR-79-4 from 288 to 288.4									
		- 180 - 181.5 - slightly darker zone with white carbonate-albite (?) augens	695	180	185	5'	Tr	Tr			
		scattered throughout									
		- 181.5 - 183 - strongly sericitic, buff coloured									
		- 183 - 185 - same as 180-181.5 but with minor pyrite									
		- 185 - 185.5 - quartz veining with sericite wisps, trace pyrite									
		- 187.4 - contorted schistosity	696	185	190	5'	Tr	Tr			
		- 187.7 - light grey patch similar to 179.6-180									
		- 187.8 - carb-albite zone									
		- 188.3 -7cm quartz-carb-tourmaline-sericite vein									
		- 189 - 2.5cm quartz-carb vein with pyrite at 45° to C.A.									
		- 189.6 - speckled zone									
		- 189.8 - 3.5cm quartz vein, trace tourmaline at 50°									
		- 190.8 - 191 - qtz-carb-tourmaline veining, with trace sericite, fuchsite	697	190	195	5'	Tr	Tr			
		- 191 - 195 - increase in pyrite approximately 1%									
		- 192.8 - 2.5cm quartz vein, trace fuchsite, pyrite at 60°									
		- 194.8 - 2.5cm qtz vein, trace tourmaline, at 50°									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
87.5	237	Con't									
		- 195.6 - 1cm quartz vein at 35°, crosscutting schistosity	698	195	200	5'	Tr	0.03			
		- 195.7 - 1cm quartz vein, trace sericite at 50°									
		- 196.3 - 2cm quartz vein at 80°									
		- 197.7 - 1cm quartz vein at 60°									
		- 200 - schistosity at 60°									
		- 201.1 - carbonate patch	699	200	205	5'	Tr	Tr			
		- 201.6 - 1.5cm quartz-carb vein at 60°									
		- 203 - 2cm quartz-carb vein at 60°									
		-207.8 - 1.5cm quartz vein at 80°, minor carb on edges of vein	700	205	210	5'	Tr	Tr			
		- 209 - disseminated tourmaline									
		- 210 - quartz patch									
		- 211.2 - disseminated pyrite in carb patch	701	210	215	5'	Tr	0.03			
		- 211.3 - 212.4 - darker zone, increase in chlorite, core quite streaky,									
		fine grained									
		- 213.1 - 5mm quartz vein at 60°, crosscutting schistosity									
		scattered narrow ~2mm wormy looking quartz veins									
		- 217.2 - 1cm quartz vein at 60°	702	215	220	5'	Tr	Tr			
		- 218.9 - crosscutting and parallel quartz veining									
		- 222.3 - 1.5cm milky quartz vein at 60°	703	220	225	5'	Tr	Tr			
		- 222.9 - 2cm milky quartz vein at 60°									
		minor limonite stain 223.6, 224.5, 227.1									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag			AVERAGES AND REMARKS
87.5	237	Con't									
		- 224.9 - disseminated cubes of pyrite									
		- 226.1 - narrow pyritic seam									
		- 225 - 227 - approximately 1% pyrite	704	225	230	5'	Tr	Tr			
		- 227.1 - 232 - slightly darker zone, increase in chlorite but still quite sericitic									
		- 228.5 - 229 - fine granular texture - variolitic glass									
		- 232.9 - quartz patch									
		- 235 - darker, increase in chlorite	705	230	235	5'	Tr	Tr			
		- 235.5 - quartz veining, patches									
		- 236.6 - 4cm quartz-carb vein, trace tourmaline	706	235	240	5'	Tr	Tr			
237	250	ALTERED MAFIC VOLCANIC									
		- gradational change from above unit									
		- darker green, chloritic, speckled with carbonate									
		- minor sericite, disseminated pyrite									
		- 237 - 238.3 - several quartz-carb-pyrite veining with inclusions of wallrock, trace sericitie, 5% pyrite	707	240	245	5'	Tr	Tr			
		- 244.8 - contorted 1cm quartz vein at shallow angle									
		- 250 - schistosity at 55° to C.A. Dip Collar -45°	708	245	250	5'	Tr	Tr			
		Corrected 150' -36°									
		END OF HOLE 250' -29°									

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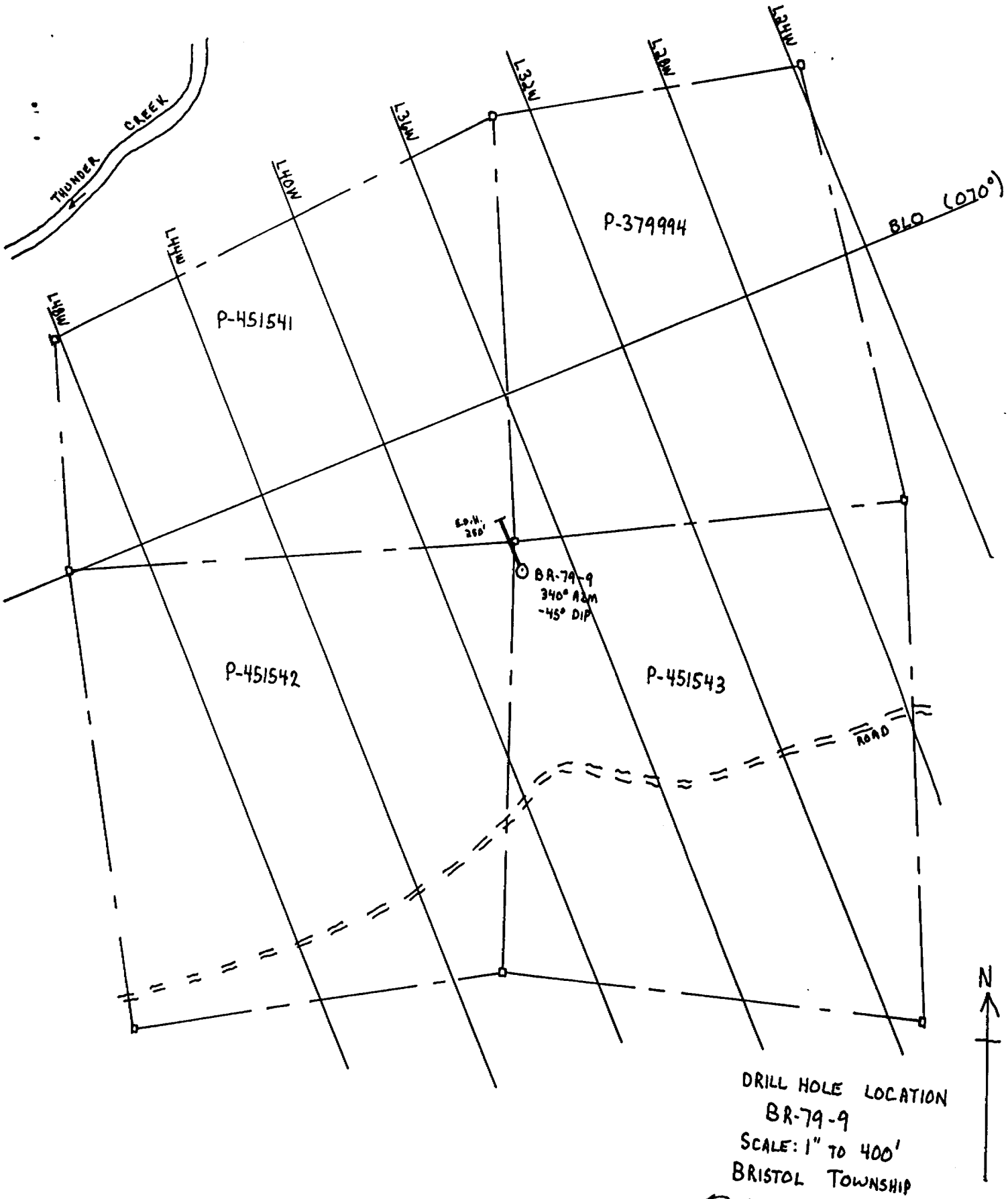

DRILL HOLE LOCATION
BR-79-9
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

PROPERTY Allerston Option PROJECT 79 **Texasgulf** CONTRACTOR Bradley Bros START NOV 13 FINISH NOV 17/79

HOLE No. Br-79-8 LAT. DEP. ELEV. LOC. L16+00W; 16+00S AZ. 340° ANGLE -50 DEPTH 355.5' CASING 120'

FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Pb	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
0	120	CASING									
120	230	ALTERED MAFIC VOLCANIC - REGALITH (residual soil)									
		- light brown limonitic clay rich zone									
		- crumbly, broken core, ground core, lost core									
		- with abundant pyrolusite coating fractures									
		- some dendritic growths									
		- very little effervescent carbonate									
		- occasional soft waxy chrome yellow mineral(?) on fracture surfaces									
		120 - 122 - grind, lost core									
		122 - 125 - crumbly, clay rich									
		- schistosity at 25° to C.A.									
		125 - 128 - grind, lost core	642	120	140	20'	N.I	Tr			
		128 - 130 - crumbly, clay rich									
		130 - 132 - grind, lost core									
		132 - 145 - sericitic, clay rich altered mafic volcanic	643	140	160	20'	Tr	Tr			
		much pyrolusite									
		145 - 148 - cemented pebbles, sand in clay matrix									

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P451544

FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
							Au	Ag			
120	230	CON'T									
		161 - broken quartz vein	644	160	170	10'	Tr	Tr			
		162 - broken quartz vein									
		where discernable as at 171-177' core locks like granular									
		massive mafic downhole	645	170	180	10'	Tr	Tr			
		188 - 196 - cg granular massive mafic becoming finer grained downhole	646	180	190	10'	Tr	Tr			
		196 - narrow quartz vein									
		198 - very streaky - schistose, chloritic section, possibly									
		fragmental, schistosity at 35° to C.A.	647	190	200	10'	N.I	Tr			
		201.5 - quartz vein									
		202 - 203 - grind, lost core									
		203 - fine grained massive chloritic mafic volcanic									
		pyroclusite in fractures									
		200 - 210 - core not as broken or clay rich but still vuggy	648	200	210	10'	N.I	Tr			
		212 - 215 - fragmental zone	649	210	220	10'	Tr	Tr			
		213 - schistosity st 35°									
		218 - 221 - grind, lost core									
		223 - 224 - grind, lost core									
		227 - streaky, fine fragmental? possible tuff??	650	220	230	10'	Tr	Tr			
		- very little effervescent carbonate									

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FROM – TO		DESCRIPTION	SAMPLE No.	FROM – TO		SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
230	265	ALTERED MAFIC VOLCANIC, (in part fragmental)									
		- dark green, chloritic, increase in effervescent carbonate									
		230.1 - narrow vuggy quartz vein at 40° to C.A.									
		232 - 233 - lighter coloured, bleached slightly sericitic fragmental									
		zone, possibly varioles??									
		233 - narrow vuggy quartz vein									
		237 - 245 - core streaky and fragmental looking, some bleached zones,									
		core still partly broken, vuggy with minor limonite stain									
		and pyrolusite									
		245.5- broken quartz vein									
		248 - 249.5- seam, lost core									
		249.5 - 254.5- fairly massive chloritic mafic									
		251 - 252.6- lost core									
		254.5 - 255.5- lost core									
		255.5 - 257 - fragmental in part with carb patches becoming massive									
		again by 257'									
		257.5- 1cm quartz vein at 40° to C.A.									
		260.9- carb patch									
		261 - 264 - lathy accicular carbonate crystals scattered throughout									
		massive chloritic mafic									
		- up to 3mm in length									
		- accompanied by minor disseminated pyrite - actually first									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
230	265	Con't									
		pyrite noticed in hole so far									
		263.5- bleached slightly sericitic carb zone									
265	305	ALTERED MAFIC VOLCANIC, (in part fragmental)									
		- gradational change to sericitic carbonated mafic with disseminated	651	265	270	5'	Tr		Tr		
		pyrite, fairly massive, minor chlorite seams									
		- dark buff to grey-green colour									
		- lots of effervescent carbonate									
		- minor pyroclusite on fractures									
		- increased pyrite near quartz veining									
		265.5 - 2cm qtz-carb vein at 40°, trace pyrite, tourmaline									
		268.5 - becoming streaky									
		270 - schistosity at 45°	652	270	275	5'	Tr	Tr			
		272 - 274 - lost core	653	275	280	5'	Tr	Tr			
		278.5 - quartz-carbonate patch									
		281 - 1cm quartz-carb vein at 50°	654	280	285	5'	Tr	Tr			
		282.3 - 1cm quartz vein at 80°	655	285	290	5'	Tr	Tr			
		287.5 - 1cm qtz vein with tourmaline at 80°, crosscutting schist.									
		288.5 - narrow qtz-vein with tourmaline at 45°									
		290 - becoming fine grained and streaky downhole	656	290	295	5'	Tr	Tr			
		294 - narrow qtz-carb vein at 45°									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS Au	ASSAYS Ag	ASSAYS	ASSAYS	AVERAGES AND REMARKS
265	305	Con't									
		300.3 - 1cm qtz-carb vein at 45°, trace pyrite	657	295	300	5'	Tr	Tr			
		301 - 305 - section cut by numerous carb stringers at various angles	658	300	305	5'	Tr	Tr			
305	347.8	ALTERED MAFIC VOLCANIC (in part fragmental)									
		- increase in chlorite-carbonate alteration									
		- darker green, less sericitic									
		- quite massive looking									
		- minor speckling due to carb laths									
		- cut by numerous carbonate stringers									
		310 - schistosity at 50° to C.A.									
		- a few scattered narrow 2-3cm streaky sections									
		311.8 - 2cm qtz-carb vein at 50°									
		312.5 - 1cm qtz-carb vein at 45°									
		315.5 - qtz-carb patch, trace pyrite									
		317 - 322 - very altered zone, lots carbonate									
		322.6 - 1cm qtz-carb vein at 70°									
		323.2 - becoming a stretched fragmental (?)	659	325	330	5'	Tr	Tr			
		330 - 335 - minor bleached sections with carbonate accompanied by an	660	330	335	5'	Tr	Tr			
		increase in pyrite									
		338.9 - 1cm qtz-carb vein at 50°	661	335	340	5'	Tr	Tr			
		339 - narrow 3cm altered sericitic zone crosscutting schistosity									

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FROM	TO	DESCRIPTION	SAMPLE No.	FROM	TO	SAMPLE LENGTH	ASSAYS				AVERAGES AND REMARKS
305	347.8	Con't									
		339 - con't - around a qtz-tourmaline vein									
		344.6 - qtz-carb veining, trace sericite									
		347.8 - 3cm qtz-carb vein (patch), trace pyrite									
347.9	349.7	LAMPROPHYRE DYKE,									
		- irregular contacts, carbonate rich									
		- dark grey, disseminated pyrite, fine grained									
		- slightly schistose at 50° to C.A.									
		- cut by occasional carb stringers									
349.7	355.5	ALTERED MAFIC VOLCANIC (in part fragmental)									
		- chlorite, carbonate alteration									
		349.9 - 1cm boudinaged qtz-carb vein at 50°									
		350 - 355.5 - very carbonate rich chloritic mafic									
		- minor increase in sericite									
		351.6 - quartz-carbonate patch									
		354.1 - 2.5cm qtz-carb vein at 80°, crosscutting schistosity,									
		trace pyrite DIPS corrected Collar -50° 150ft -49°									
		355 - schistosity at 50° to C.A.									
	355.5	END OF HOLE NB: Hole lost at this depth due to broken rods. A total of 200 feet of rods plus the 10 foot core barrel were lost in the hole.									

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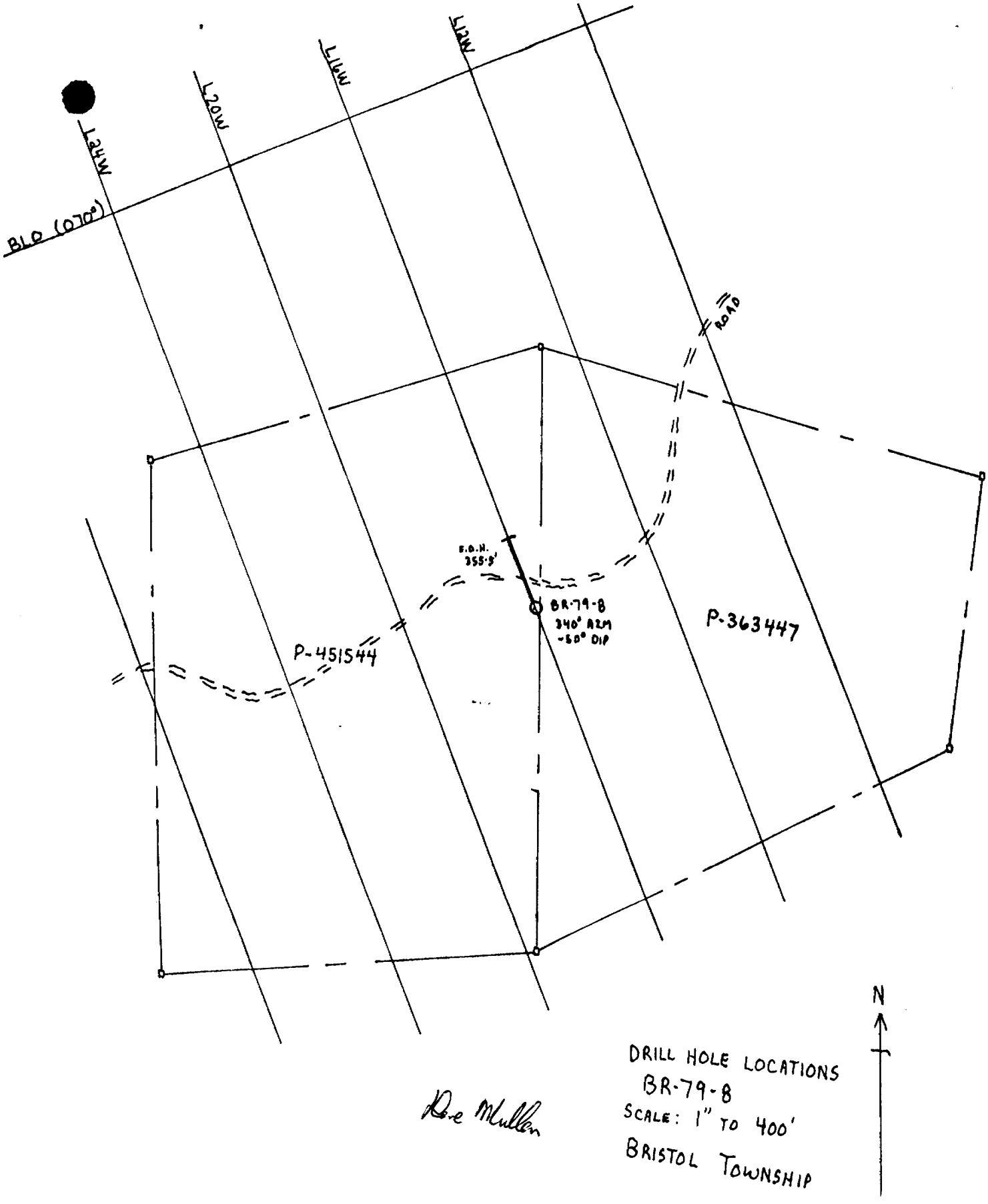

DRILL HOLE LOCATIONS
BR-79-8
SCALE: 1" TO 400'
BRISTOL TOWNSHIP

Joe Mullen