



42A12SE0411 38 GODFREY

010

DIAMOND DRILLING

TOWNSHIP: Godfrey

REPORT No.: 38

WORK PERFORMED BY: Kidd Creek Mines Ltd.

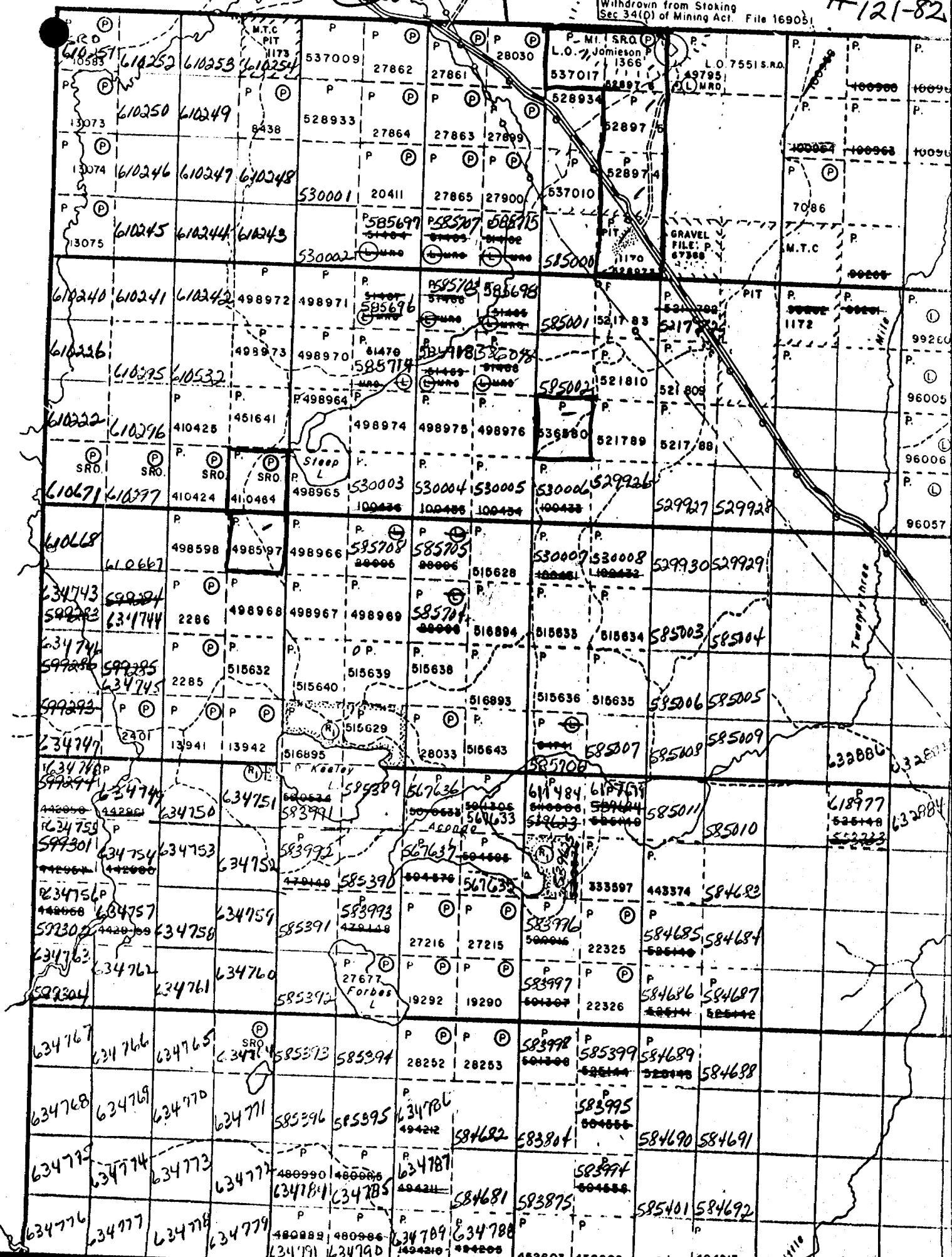
<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 498597	G-51-10	792.0'	Mar/82	(1)
P 410464	G-51-11	4101.0 1316.0'	Mar/82	(2)
		<u>2108.0'</u>		

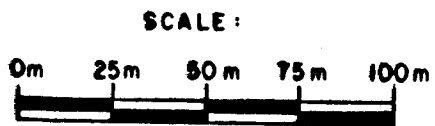
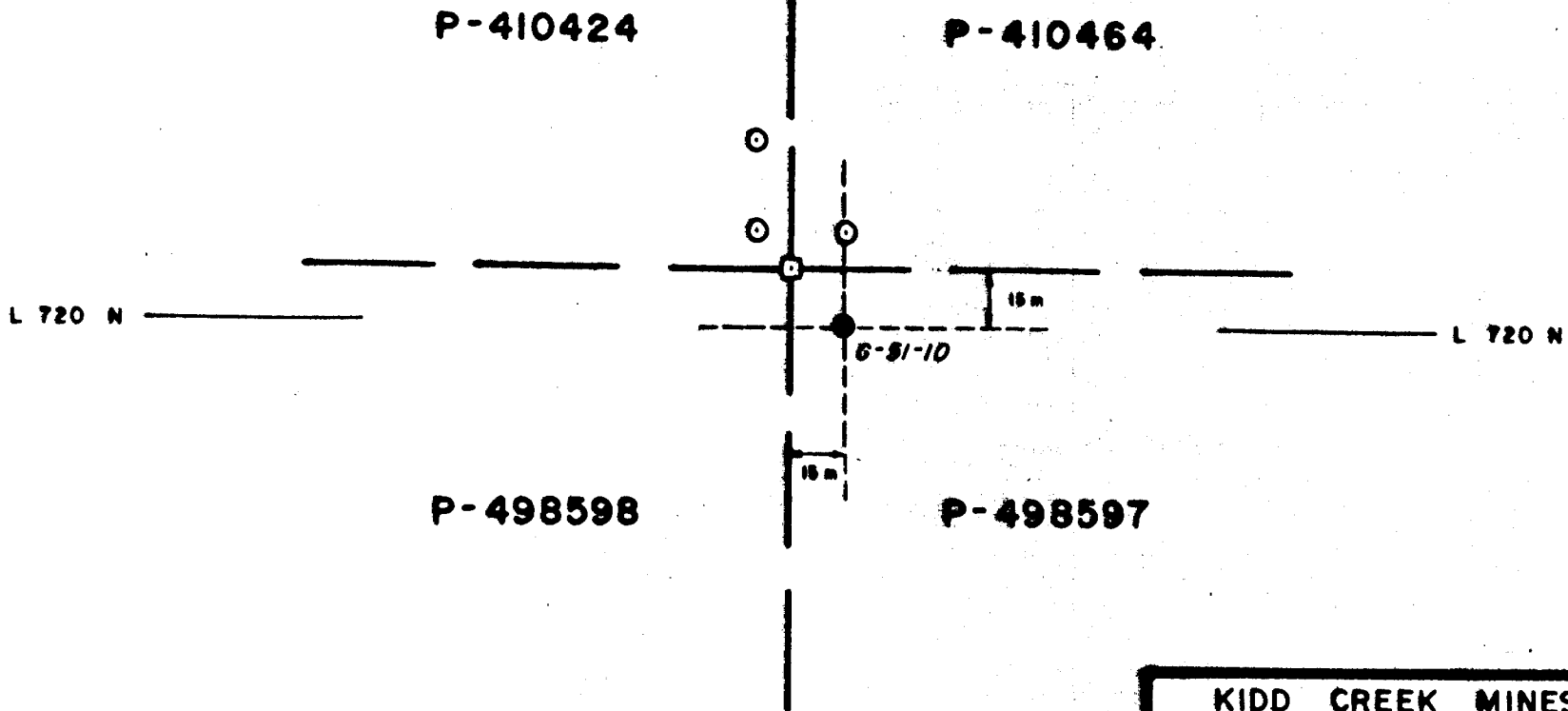
NOTES: (1) #121-82
(2) #143-82

Diamond Gulch Roadway Strip Pwp. (M.) #121-82

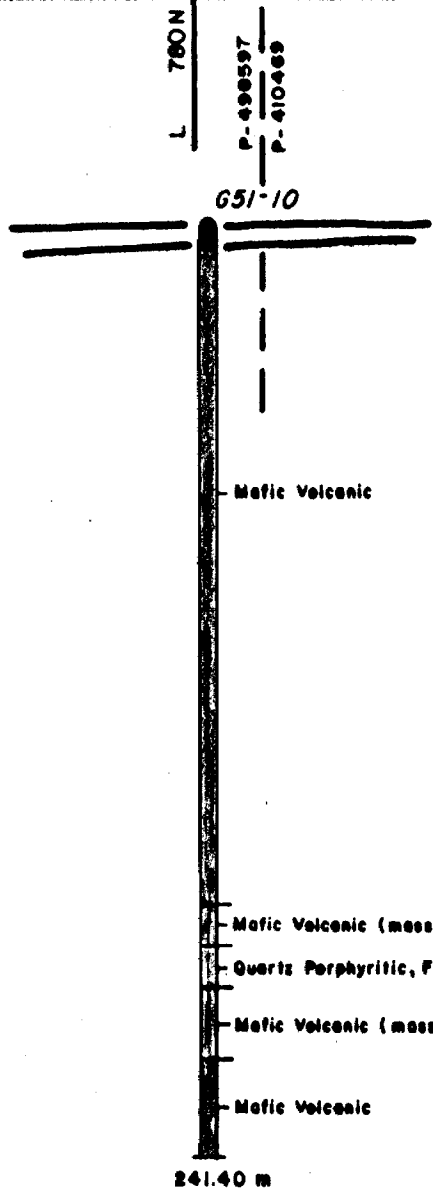
Geopadar Sto.
Dept. of National Defence
Withdrawn from Staking
Sec 34(1) of Mining Act File 169031

WINDYBUSH TWP. (M. 316)





KIDD CREEK MINES LTD.		
Exploration Division		Timmins, ONTARIO
GODFREY 51 GODFREY Twp.		
PLAN OF		
G 51-10		
SCALE	1 : 2000	Data : Bula
Drawn : Gaboury	Project N ^o : 242	Date : April /82



241.40 m

L 780 N

KIDD CREEK MINES LTD.		
Exploration Division		Timmins, ONTARIO
GODFREY 51 GODFREY Twp.		
SECTION FOR G 51-10		
(LOOKING WEST)		
SCALE	1 : 2000	Date : Bulc
Drawn : Gaboury	Project N° : 242	Date : April / 82

Texasgulf Inc.
EXPLORATION

DRILL HOLE RECORD

HOLE NO. G-51-10.....	PROPERTY Godfrey Township	PROJECT NO.	CONTRACTOR Bradley Boothers.																																																																	
			START 12/03/82.....																																																																	
			FINISH 17/03/82.....																																																																	
COORDINATES	Grid Location: Latitude 1(see below).. Departure	UTM: Lat. Dep.	Surveyed: Lat. Dep. Elevation																																																																	
			Mine Grid: Lat. Dep. Elev.																																																																	
COLLAR ATTITUDE	Azimuth Dip -90.....	LENGTH 241.40..	CORE SIZE ..R2.....																																																																	
INCLINATION TESTS	Acid Tests		Compass Tests																																																																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Depth</th> <th>Dip</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Depth	Dip																					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Depth</th> <th>Dip</th> <th>Azimuth</th> <th>True Azimuth</th> </tr> </thead> <tbody> <tr> <td>53.0 m</td> <td>-88°</td> <td>016</td> <td>006</td> </tr> <tr> <td>85.34 m</td> <td>-83</td> <td>020</td> <td>010</td> </tr> <tr> <td>182.88 m</td> <td>-87</td> <td>017</td> <td>007</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Depth	Dip	Azimuth	True Azimuth	53.0 m	-88°	016	006	85.34 m	-83	020	010	182.88 m	-87	017	007																												
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REMARKS : *15 m east of post 4 claim No. P-498597 15 m south of post 4 claim No. P-498597																																																																				

Logged by Ron Bula Date 17/03/82 Property Godfrey Hole No.

Ron Bula

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
0.00	4.88 m (16.01 ft.)	CASING							
4.88 m (16.01 ft.)	175.02 (574.21 ft.)	MAFIC VOLCANIC	medium green	fine to medium grained;	-uniform -where coarser grained core is gritty to feel;	-abundant quartz vein material cutting core at oblique angles to core axis -planar fabric at low angles (0-20°) to core axis	-moderate chlorite alteration noted throughout (intense locally) -zones of epidote alteration occasionally noted	sulphides overall are very weak averaging much less than 1% -pyrite is the most abundant sulphide with only flecks of sphalerite noted locally;	
175.02 (574.21 ft.)	186.39 (611.52 ft.)	MAFIC VOLCANIC (MASSIVE AND BRECCIA)	various shades of green and grey green;	-fine grained to aphanitic	-weakly amygdular -breccia fragments are rounded to angular and are both matrix and fragment supported; -massive sections are uniform;	-most of the structure within section is grada- tional contacts between massive and brecciated mafic material; -very weak foliation	-breccia sections exhibit stronger chlorite alteration than do the more massive sections; -few fragments exhibit a weak rim bleaching;	-sulphides are extremely variable in abundance throughout; -overall pyrite is the most abundant with lesser pyrrhotite and very minor chalcopyrite -overall 2-4% sulphides;	

Hole No.

Page

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
186.39 (611.52 ft.)	197.75 (648.79 ft.)	QUARTZ PORPHYRITIC FELSIC VOLCANIC BRECCIA,	medium grey	aphanitic to fine grained;	-fragments are ash to lapilli in size, are generally sub-angular and may be matrix or fragment supported; -quartz phenocrysts are subhedral to subhedral	-any contacts within section are complet- ely gradational over several centi- metres, -no foliation detected within section;	-moderate to intense sericite alteration; chlorite alteration locally intense within matrix to breccia zone; -fragments are frequently silicified;	total sulphides average 2.0% made up predominately of pyrite and sphalerite (0.8% each) and lesser chalcocopyrite and pyrrhotite (0.2% each)	
197.75 (648.79 ft.)	215.19 (706.00 ft.)	MAFIC VOLCANIC MASSIVE AND BRECCIA;	medium green;	fine grained	-quartz amygdules locally noted;	-breccia zones locally; fragments are angular to rounded; contacts are gradational;	-chlorite alteration is weak to moderate in massive zones and moderate to intense in breccia zones; -weak bleaching of few fragments;	-negligible	
215.19m (706.00 ft.)	241.40m (792.00 ft.) End of hole	MAFIC VOLCANIC	medium green;	fine grained	-generally massive and uniform	-cross cutting quartz/epidote and/or quartz/ carbonate veinlets cut core at low angles;	-weak epidote alteration locally;	-negligible	

Hole No.

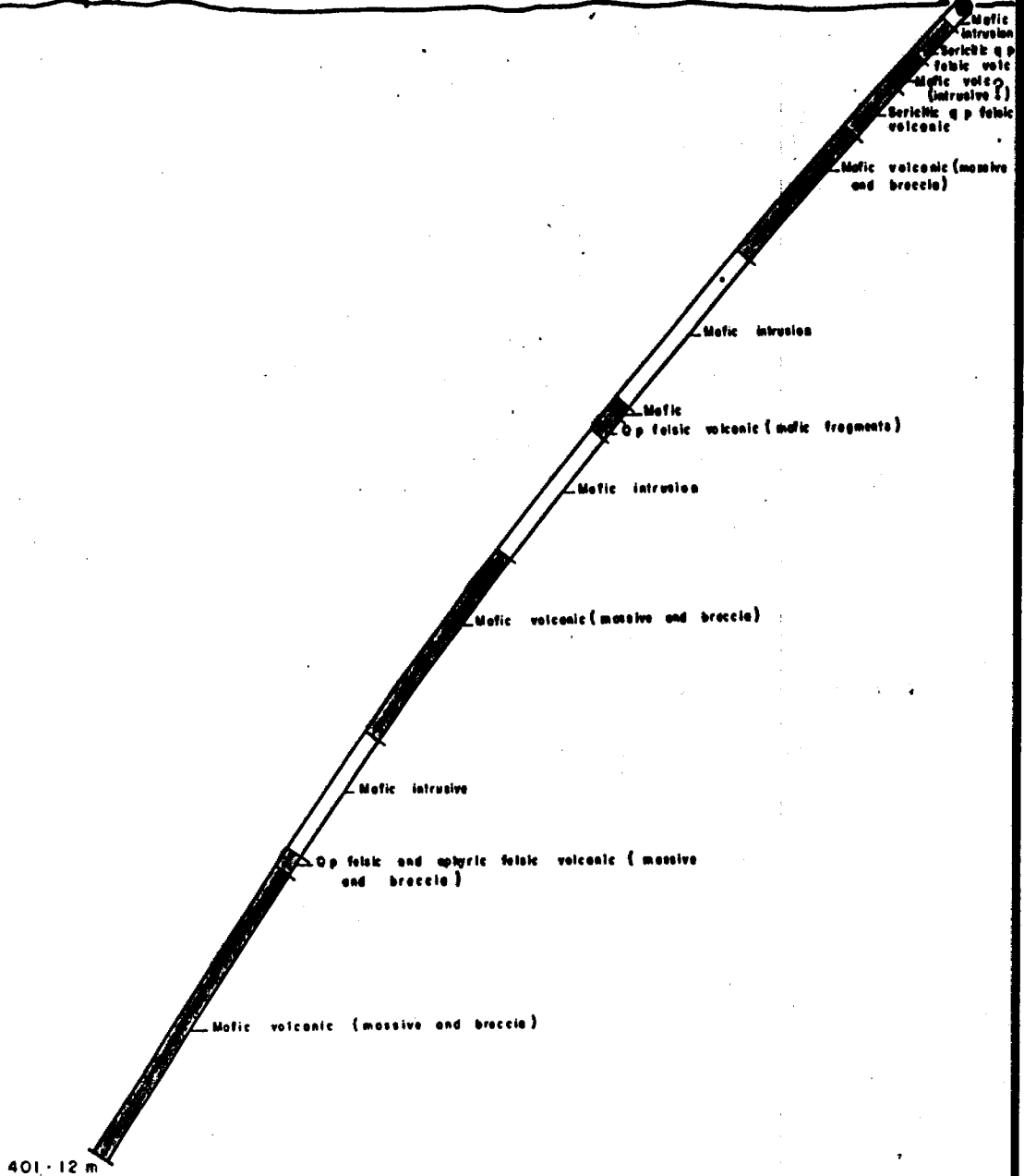
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P 410424

P 410464

143-82

G 51-11



401.12 m

KIDD CREEK MINES LTD.		
Exploration Division		Timmins, ONTARIO
GODFREY 51 GODFREY Twp.		
SECTION FOR G 51-11		
(LOOKING NORTH)		
SCALE	1 : 2000	Data : Bula
Drawn : DEL	Project N ^o : 242	Date : 26/04/82

Ronj. Bula
26/04/82

P 410424

P 410464

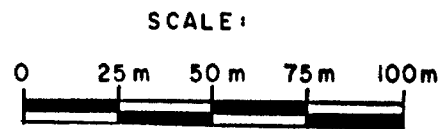
P 498598

P 498497

G 51-11

36 m

247 m



Ron J. Bula
26/04/82

KIDD CREEK MINES LTD.		
Exploration Division		Timmins, ONTARIO
GODFREY 51 GODFREY Twp.		
PLAN FOR G 51-11		
SCALE	1 : 2000	Date : Bula
Drawn : DEL	Project N ^o : 242	Date : 26/04/82

Texasgulf Inc.
EXPLORATION

DRILL HOLE RECORD

HOLE NO. ...G-51-11...	PROPERTY ..Godfrey...	PROJECT NO. ...242....	CONTRACTOR Bradley Brothers Ltd.	START 23/03/82.....				
				FINISH ..1/04/82.....				
COORDINATES	Grid Location: Latitude	UTM: Lat.	Surveyed: Lat.	Mine Grid: Lat.				
	Departure	Dep.....	Dep.	Dep.				
				Elevation				
				Elev.				
COLLAR ATTITUDE	Azimuth27.0°	Dip ..-4.6°.....	LENGTH ..401.12	CORE SIZE ...80.....				
INCLINATION TESTS	Acid Tests		Compass Tests					
	Depth	Dip	Depth	Dip	Azimuth	True Azimuth		
	213.36	53°			Head	-46°	270°	
					31.09m	-48°	296	286
					91.44m	-50°	304	294
					109.68	-55°	319	309
REMARKS :	247m east of post 3 claim P-410464 36m north of post 3 claim P-410464							

Ron J. Bula

Logged by Ron J. Bula Date Property Godfrey Hole No. G-51-11

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
0.00	1.22	CASING							
1.22	6.71	MAFIC INTRUSION	green	fine grained	-flow lamination occur at and are parallel to contact; -contains few porphyroblasts(?) which are buff brown in color;	-weak foliation at low angle to core axis; -lower contact sharp and at 20° to core axis;	-very weak chlorite alteration;	overall negligible -locally 0.1% pyrite	
6.71	19.99	SERICITIC QUARTZ PORPHYRITIC FELSIC VOLCANIC	yellow to dark green	aphanitic fragments are generally lapilli in size;	-alteration masks any primary volcanic textures; -quartz phenocrysts are preserved;	-upper contact is sharp and at 20° to core axis; -lower contact is sharp and at 15° to core axis;	-sericite and chlorite alteration are intense throughout this zone; -porphyroblasts of andalusite(?) dot core periodically in the chloritic sections;	-negligible	
19.99	29.56	MAFIC VOLCANIC (INTRUSIVE?)	grey	aphanitic	xenoliths of mafic material noted throughout; -non uniform	-upper contact at 15° to core axis and sharp; -lower contact at 5°-10° to core axis and sharp;	-porphyroblasts are frequent throughout section	-pyrite locally dots core however overall 0.2%	

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
29.56	47.85	SERICITIC QUARTZ PORPHYRITIC FELSIC VOLCANIC	yellow to dark green	-aphanitic	-alteration masks any primary volcanic textures; quartz phenocrysts are preserved;	-upper contact is sharp and at 5 to 10° to core axis; -lower contact is at 0-5° to core axis	sericite and chlorite alteration are intense throughout this zone; -porphyroblasts of andalusite(?) dot core periodically	negligible	
47.85	92.72	MAFIC VOLCANIC (MASSIVE AND BRECCIA)	-green	-aphanitic to fine grained;	-amygdules are frequently noted; -breccia zones exhibit no sorting (autoclastic breccia)	-lower contact sharp and at 10-40° to core axis; -upper contact is at 0-5° to core axis;	-weak chlorite alteration noted within breccia zones; -fragments may exhibit mild bleaching;	-negligible;	
92.72	144.02	MAFIC INTRUSION	green	fine to medium grained	-uniform with a slight coarsening down hole; -few xenoliths noted near upper and lower contacts;	-upper contact at 10-40° to core axis; -lower contact marked by a 10 cm wide quartz vein		-negligible	
144.02	148.13	MAFIC	grey green	aphanitic to fine grained	-uniform and massive	-upper contact marked by quartz vein	-calcium carbonate noted throughout;	-less than 0.2% pyrite;	

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
148.13	155.45	QUARTZ PORPHYRITIC FELSIC VOLCANIC (CONTAINING) MAFIC FRAGMENTS)	-grey green	aphanitic	-up to 20% quartz phenocrysts locally;	-lower contact broken and marked by presence or absence of carbonate material; -upper contact broken; -lower contact at 15° to core axis	-weak bleaching of mafic fragments; -chloritic slips occasionally noted -quartz phenocrysts are surrounded by a white halo;	-negligible	
155.45	199.13	MAFIC INTRUSION	medium to dark green;	fine to medium grained	-flow laminated at upper contact	-flow lamination parallel contact which is at 15° to core axis;	-calcium carbonate noted throughout;	-negligible	
199.13	261.52	MAFIC VOLCANIC (MASSIVE AND BRECCIATED) (NOTE: QUARTZ PORPHYRITIC FELSIC VOLCANIC NOTED FROM 218.29 to 222.18 and from 229.18 to 232.99)	-various shades of medium to dark green;	aphanitic to locally fine grained	-amygdules noted through much of section; -breccia and massive zones are too numerous to outline;	-contacts are for the most part gradational between massive and breccia material; between the mafic and felsic material contacts are for the most part at 40° to core axis;	-weak chlorite alteration -locally weak to moderate bleaching of mafic fragment rims -matrix to breccia is moderately chloritic; -felsic volcanics are weakly to moderately sericitic;	-negligible	

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
261.52	300.05	MAFIC INTRUSIVE	dark to medium green;	fine grained;	-uniform -slightly granular to feel where coarser grained	-quartz/epidote veinlets cut core at 70° to 90° to core axis;	-epidote noted within quartz vein material; -weakly chloritic mafic	-negligable	
300.05	305.20	QUARTZ PORPHYRITIC FELSIC AND APHYRIC FELSIC VOLCANIC; (MASSIVE AND BRECCIA)	grey and dark grey	-aphanitic -breccia is dust to coarse tuff in size;		contacts vary from 25-40° to core axis; -mafic dyke internal sharp contacts at 35° to 40° to core axis -fabric at 15° to core axis;	-fragments are silicic and grey; -matrix to breccia is chloritic;	-locally sections contain pyrite, sphalerite, and chalcopyrite each with less than 0.1% by volume; -trace pyrrhotite; -overall very trace sulphides;	
305.20	401.12 END OF HOLE (1316.0 FEET)	MAFIC VOLCANIC (MASSIVE TO BRECCIA)	medium green;	-aphanitic -fragments are ash to lapilli in size;	-amygdules of quartz are frequently noted; -large sections are massive and textureless (intrusive?)	-most contacts are gradational over several centimeters; -planar fabric weak and at low angles to core axis;	-weak chloritic alteration noted throughout;	-negligable;	