



42A12SE0408 41 GODFREY

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DIAMOND DRILLING

TOWNSHIP: Godfrey

REPORT No.: 41

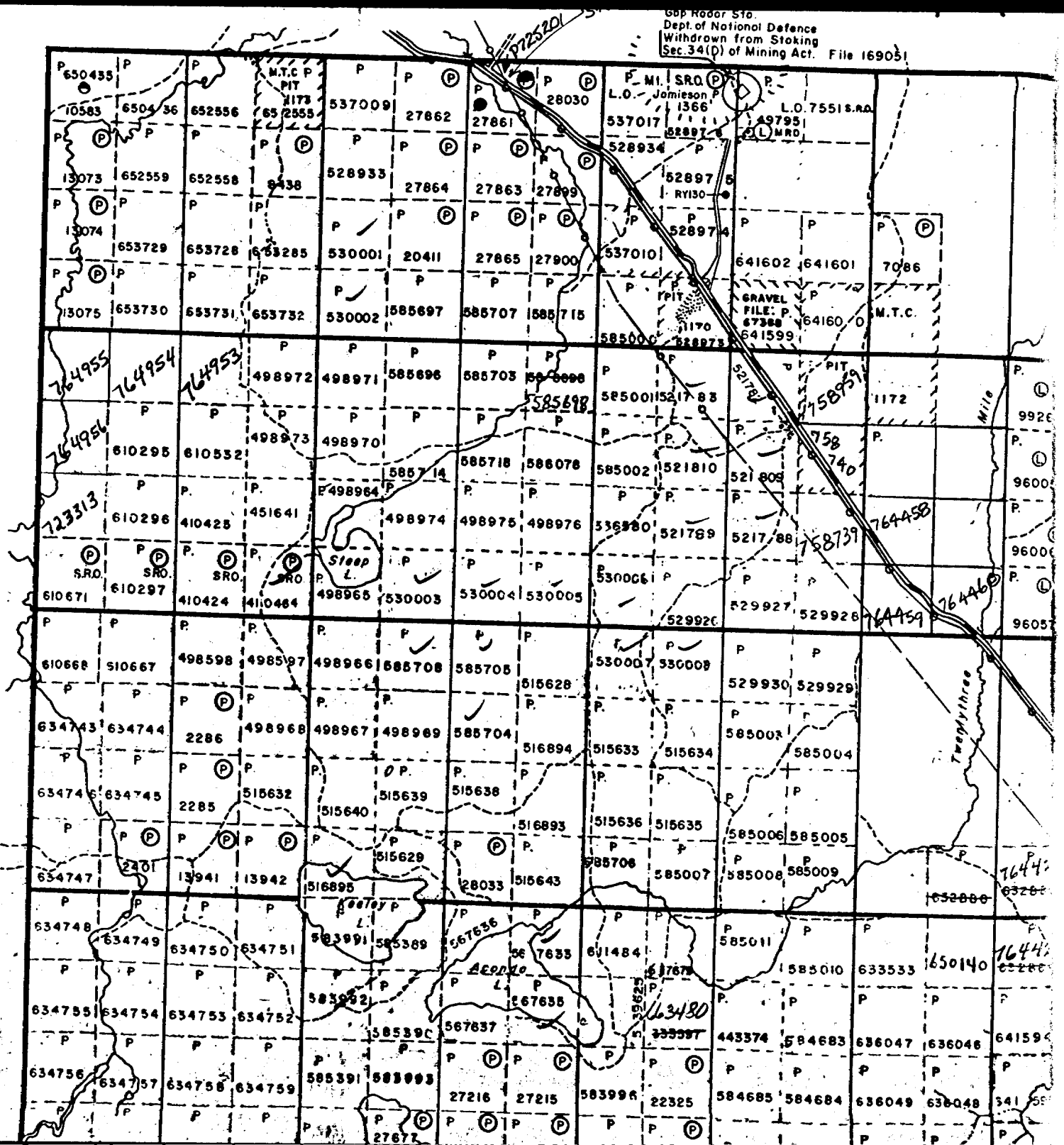
WORK PERFORMED BY: Kidd Creek Mines Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 410464	G-51-14	177.39m	Oct/82	(1)

NOTES: (1) #165-83

155-83
Hedley

urnbull Twp. (M. 316)



Opp Road Sto.
Dept. of National Defence
Withdrawn from Staking
(Sec. 34(D) of Mining Act. File 169051

Mile

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122 m

G51-14

28 m

498597

Ron J. Bula
10/06/83

498598

KIDD CREEK MINES LTD.

Exploration Division

Timmins, ONTARIO

GODFREY 51

GODFREY Twp.

DRILL PLAN

G 51 - 14

SCALE: 1 : 2000

Date: Bula

Drawn: D E L

Project N^o: 242

Date: 10/06/83

410424

410464

G51-14

Mafic dyke

Diabase dyke

Mafic dyke

Qp felsic ash tuff

Mafic dyke

177.39 m

Ron Bula
10/06/83

KIDD CREEK MINES LTD.

Exploration Division

Timmins, ONTARIO

GODFREY 51

GODFREY Twp.

SECTION FOR

G 51 - 14

(LOOKING NORTH)

SCALE: 1 : 2000

Date: Bula

Drawn: DEL

Project N^o: 242

Date: 10/06/83

DRILL HOLE RECORD

HOLE NO. G-51-14 PROPERTY Godfrey 51 PROJECT NO. 242 CONTRACTOR Bradley START 28/10/82
 FINISH 2/11/82
 COORDINATES Grid Location: Latitude 8+15N UTM: Lat. Surveyed: Lat. Mine Grid: Lat.
 (1982 grid) Departure 2+60E Dep. Dep. Dep.
 COLLAR ATTITUDE Azimuth Dip 90 LENGTH 177.39 CORE SIZE 30
 Elevation Elev.

INCLINATION TESTS

Acid Tests

Compass Tests

Depth	Dip

Depth	Dip

Depth	Dip	Azimuth	True Azimuth
170.00m	-86.5	180	170

REMARKS

Ronj Bula
10/06/83

Logged by R.J. Bula

Date November 18, 1982

Property Godfrey 51

Hole No. G-51-14

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
0.00	6.10	CASING							
6.10	63.55	MAFIC Dyke	Medium green	fine to medium grained	relatively uniform throughout with slight variations in grain size, leucoxenes dot core frequently at lower end of section, however are less abundant uphole;	quartz veins cut core at low to high angles to core axis; these veins seldom exceed 0.5cm; lower contact is sharp and at 10-15° to core axis; this does not mean much because the edges of this intrusion are very irregular and several contacts (all different in orientation) may be noted locally; core is blocky from 44.0m to 59.0m with approximately 5% lost core;	epidote coloration is noted over sections of core and occur as weak diffuse patches; also epidote and quartz in fill fractures leucoxenes are noted in greater abundance towards end of section and may be due to a metasomatic reaction by the mafic dyke below (down hole); the core becomes increasing magnetic over the lower 1.5 metres;	negligable rare pyrite cubes dot core locally, occurring along fracture planes;	intrusive as seen in G-51-7,8,9,10

G-51-14

Hole No.

Page 1

FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
63.55	75.18	DIABASE DYKE	medium to dark green	chilled contacts grading to fine grained in cen tral part of dyke;	-contacts show excell ent chilling -due to the low angle which this dyke inter- sects core it appears to have many xen- oliths and numerous dykes how- ever it is probably only one;	-numerous contacts detected throughout section; -these are only repetitions of the same one therefore the dyke cuts core at 0-15° to core axis;	-minor calcite noted as snow flake patches locally on core; -unit is magnetic and the intensity of magnetism is greatest in the coarsest grained material;	-negligable	-probably thin diabase dyke;
75.18	112.16	MAFIC DYKE	medium green at upper section becom- ing increas- ingly lighter down hole towards 90.0 m.	fine to medium grained;	-uniform with grain size varia- tions; -few leuxo- senes dot core period- ically -towards end of section, core becomes indisting- uishable from lower unit;	-few quartz filled fractures cut core obliquely through- out however do not exceed 0.5cm in thickness; -upper contact vari- able with diabase; -lower contact unknown;	-core becomes slightly more pale down hole towards 90.0m, perhaps weak silicification; -also pyrite disseminated cubes become more frequent down hole from 95.0m to 112.64	-pyrite cubic disseminations are noted over lower 17.5m over entire unit negligible sulphides; - over lower 17.5m approximately 0.5 to 1.0% pyrite, with trace chalcopyrite;	-intrusive material;

Hole No. G-51-14

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FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
112.16	120.70	QUARTZ PORPHYRITIC FELSIC ASH TUFF	medium green grey	fine (almost aphanitic)	-peculiar section with num- erous comp- lex varia- tions; difficult to see any contacts internal to unit how- ever diff- erent rock types occur quartz phenocrysts average 1.0 by volume and are less than 1.0 square mm; - these are euhedral;	-pyritic zone at upper end is at low angles (10-20°) to core axis; -weak to moderate fabric in rock at 0° to core axis.	-chlorite flecks are numerous however does not form a pervasive style alteration; these are parallel in align- ment and form the weak foliation noted; -very weak sericite alteration noted and is controlled by micro fracturing;	-pyrite is noted throughout section as finely disseminated dusting through core up to a localized (one) stringer 3.0cm in thickness -it can take on the form of isolated pods or as wispy lensoid clots; -overall 1% pyrite -chalcopyrite is noted predominately at 113.10 where 1.0cm thick clotty stringers are noted; these cut the core at very low angles; -disseminated clots may be detected out- side of this zone however is minor -overall minor chalc- opyrite however from 112.95 to 113.10 there is 5% chalcopyrite;	

G-51-14

Hole No.

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FROM	TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE	STRUCTURE	ALTERATION	SULPHIDES	REMARKS
120.70	177.39 E.O.H.	MAFIC DYKE	medium green	fine to medium grained	-main unit is relative- ly uniform however towards end of section several chilled contacts are noted, be- longing to the diabase;	-diabase is noted to cut core at low angles to core axis; -upper contact is very diffuse and questionable;	-magnetite is noted throughout most of unit forming crystals up to 1.0 cubic millimetre; -minor quartz veining	-sphalerite is noted throughout much of the section in very minor amounts; -it is not often noted as discrete flecks in the core less than 1.0 square mm; -overall less than 0.5% sphalerite -pyrrhotite is detected over 25cm at top of section it occurs as blebs up to 3mm x 3mm; Note: all sulphides tend to decrease down hole;	-intrusive as seen uphole cut by a thin diabase dyke. - blocky ground noted from 166.5 to 166.7; core recovery unknown;

Hole No.G=51=14.....

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