42A01SE0019 46 TECK

DIAMOND D.

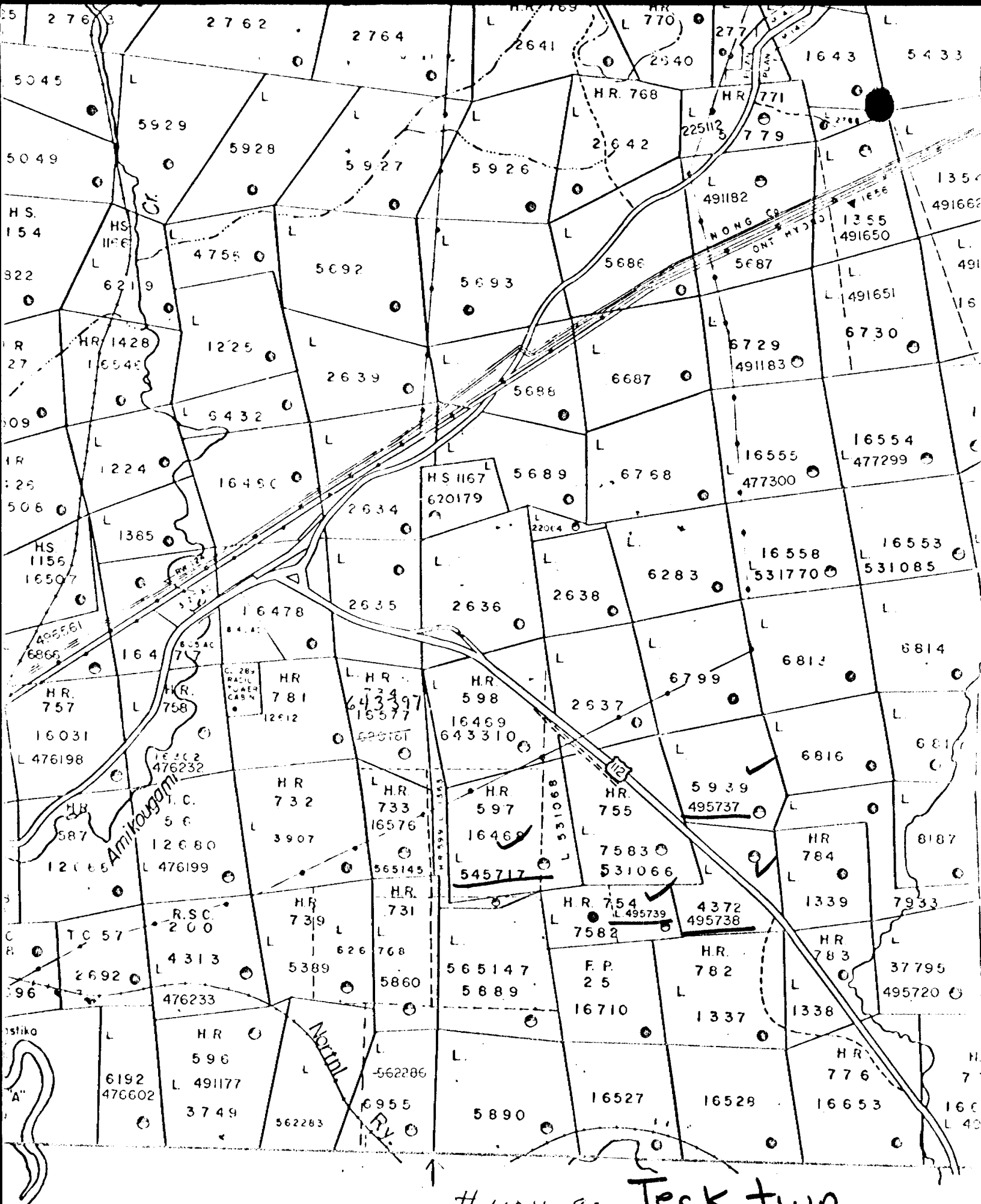
TOWNSHIP: Teck

REPORT NO.: 46

WORK PERFORMED BY: Labrador Exploration Ltd.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 545717	DK-82-5	296.0	Sept/82	(1)

NOTES: (1) #424-82


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HR 784
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HR 739
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HR. 731
HR. 754
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HR. 782
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HR 783
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HR 596
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THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. DK-82-5 | PAGE NO. 1

DRILLING COMPANY: Morissette Diamond Drilling	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH: 080	TOTAL FOOTAGE: 296	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM
DATE HOLE STARTED: Sept 26/82	DATE COMPLETED: Sept 27/82	DATE LOGGED: Sept 28/82	LOGGED BY: C. Hartley	100 ft 45°	MAP REFERENCE NO.: M-392
EXPLORATION CO., OWNER OR OPTIONEE: Labrador Exploration (Ontario) Limited		DATE SUBMITTED	SUBMITTED BY (Signature): [signature]	296 ft 44°	CLAIM NO.: L545717
				ft	LOCATION (Tp., Lot, Con. OR Lat. and Long.): Teck Township
				ft	PROPERTY NAME: Dyment-Kidston - Teck "B"

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
					19					
0	12		Casing		40					
					65					
12	192	Basalt	- Fine to medium grained to dark grey coloured, schistose to rarely massive, occasional low angle fracturing. Epidote common as fracture filling and in quartz epidote veins.		90					
					114.5					
					140					
					165					
					215					
			Rock unit composed of 70% mafics and 30% plagioclase with accessory minerals as pyrite, epidote and magnetite.		240					
					265					
					290					
			Schistose core angles average 35° to LCA							
			12 to 17 Minor brecciation with trace to 1% disseminated fine pyrite and occasional laminae of magnetite and quartz stringers <0.5 mm common Epidote occurs as blebs and as fracture filling.							
			12.5 1" quartz vein							
			16.5 1/4" quartz vein 90° to LCA							
			17.2 1" quartz vein 60° to LCA							
			20 1" epidote 60° to LCA							
			21 1" epidote 60° to LCA							
			26.5 to 27 Epidote 40%, light green coloured parallel to schistosity							
			39 to 42 Finely brecciated							
			44 to 45.5 Syenite - quartz-feldspar porphyry dyke with sharp contacts 2.							
46	47		Syenite dyke, quartz-feldspar porphyry dyke, red coloured, with trace, pyrite							
			Contact parallel to long core axis.							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

ONTARIO

THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. DK-82-5 | PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar °			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft °			
					ft °		PROPERTY NAME	
					ft °			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
			47 - 47.5 Fine breccia							
			47.5 - 48.5 20% epidote parallel to schistosity							
			54 to 56.2 Epidote-quartz vein							
			56.2 to 57.1 Syenite dyke with contact sub-parallel to long core axis. Trace to 0.5% pyrite							
			61 to 63 Epidote fracture filling and veining							
			71 to 71.5 Syenitic dyke with trace pyrite							
			73 to 75 Core fracture and broken with low angle fractures 5° to 10° to long core axis							
			75 to 76 10% to 20% epidote							
			81.9 to 82 epidote							
			82 to 83.5 3% disseminated pyrite							
			84.5 to 87 Fine breccia							
			90.6 to 90.8 Epidote							
			90.9 to 91 Quartz vein 40° to long core axis							
			93 to 94 Blotchy silica - light grey coloured							
			95 to 117 Finely brecciated, massive trace pyrite							
			103 to 105 Fine fracture 15° to long core axis, epidote filled.							
			111 to 112 Brecciated with fragments and							
			113 to 114 to 1 1/4" in diameter in epidote matrix							
			115 to 116 Epidote filled fracture with trace to 0.5% pyrite. Sub-parallel to long core axis.							
			122 1" epidote 50° to long core axis							
			124 to 127.5 Abundant quartz with 1% to 1.5% fine disseminated pyrite							
			128 - 132.5 Brecciated with abundant quartz and 1% to 2% fine disseminated pyrite with trace 1% magnetite. Pyrite and magnetite parallel to schistosity. Contact sharp at 132.5 60° to long core axis							

+ Additional credit available. See Assessment Work Regulations.

ONTARIO

THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. DK-82-5 | PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar ° ft ° ft ° ft ° ft °
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		

LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM

MAP REFERENCE NO. | CLAIM NO.

LOCATION (Tp., Lot, Con. OR Lat. and Long.)

PROPERTY NAME

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
			132.5 to 133.5 Intense chlorite alteration							
			133.5 to 136 Aphanitic and massive							
			134.5 to 135 Syenite dyke with sharp contact 60° to long core axis							
			136 to 136.5 Blotchy quartz and epidote							
			136 to 157 Massive							
			148 1" epidote							
			157 to 158.5 Brecciated and schistose 25° to long core axis							
			158.5 1/4" quartz veins 25° to core axis							
			159 to 161 Fracture parallel to core axis							
			161 to 165 Massive, medium grained with fine calcite filled fractures common throughout							
			164.5 to 165 50% epidote with minor quartz							
			167 to 168 Brecciated with epidote quartz matrix							
			171 to 171.5 4 - 1/8" quartz-carbonate veinlets 80° to long core axis							
			174 1/2" epidote vein							
			176.2 1/4" epidote quartz vein							
			179 to 181 Red hematite stained fractures 5° to 10° long core axis and slight hematite staining of core 179 to 179.2.							
			181.4 to 181.6 Quartz-epidote with minor bright red iron? staining							
			182.8 to 183. as 181.4 to 181.6 with trace pyrite							
			185.1 1/4" quartz veinlet 80° to long core axis							
			187 to 192 Aphanitic; dark green coloured, with pervasive chlorite alteration, minor epidote with occasional low angle fracturing 10° to 30° to long core							

+ Additional credit available. See Assessment Work Regulations.

THE MINING ACT – DEPARTMENT OF MINES
ONTARIO

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. DK-82-5 | PAGE NO. 4

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
			187.1 trace scheelite - blue fluorescence on short wave ultraviolet light							
192	233	Oxide, Iron Fromation	Well bedded to laminated light grey chert and quartz with alterating with laminae of magnetite. Very siliceous argillite bands with 2 to 3% pyrite locally.							
			Local dark green chlorite alteration of argillite bands.							
			Magnetite occurs as very fine grained magnetite and silica bands 1" to 2 inches to very fine laminae < 1 mm thick. Lamenia and bedding 40 to 50° to long core axis.							
			192 to 192.5 light grey, very siliceous with 2% pryite							
			Local chlorite alteration 193-195; 197.5-200; 202.5-205; 209-210; 212-214,							
			196-20.5 3-4% fine disseminated pyrite parallel to bedding. Very siliceous, alternating chert and magnetite							
			203-204 2% to 3% fine disseminated pyrite							
			203.8 - 204.1 quartz-carbonate vein 208.3 to 208.9 massive magnetite contact parallel to long core axis 208.9 to 211 very siliceous and grey-quartz vein 210.5 to 211							

THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

ONTARIO

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. DK-82-5 | PAGE NO. 5

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar °	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft °	MAP REFERENCE NO. / CLAIM NO.
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft °	LOCATION (Tp., Lot, Con. OR Lat. and Long.)
				ft °	PROPERTY NAME

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
			211 to 233 Light grey coloured, very siliceous with bedding 35° to long core axis							
			224 to 233 magnetite absent							
			228 to 229 medium grained with abundant epidote							
			228.4 to 228.9 Brecciated with epidote matrix							
233	296	Basalt	Medium grained with dioritic texture, equi-granular, dark grey to black coloured, massive; fine calcite filled fracture and light carbonate throughout. Local schistosity or bedding 35° to 40° to long core axis Trace pyrite and pyrrhotite throughout with rare trace chalcopyrite.							
			236 to 240 Spotty orange-red hematite staining parallel to bedding and on fracture surfaces							
			237-240 Brecciated with abundant epidote							
			239-240 Contact sharp 35° to long core axis							
			243-246 Blood red iron stain calcite filled fractures							
			257 to 257.5 and 267 to 268 as 243-246							
			268 1/2 inch epidote quartz vein with minor bright red iron staining							
			267 - 268 brecciated							
			270.5-271 5% pyrite parallel to bedding							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

THE MINING ACT – DEPARTMENT OF MINES
ONTARIO

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. DK-82-5 | PAGE NO. 6

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar ° ft ° ft ° ft °
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		

LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM

MAP REFERENCE NO.

CLAIM NO.

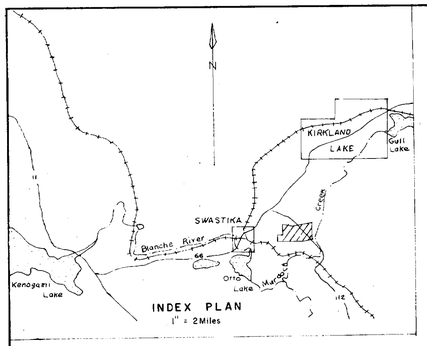
LOCATION (Tp., Lot, Con. OR Lat. and Long.)

PROPERTY NAME

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE *	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS +
			271 to 274 Syenite, quartz-feldspar porphyry, orange red coloured, well fractured with trace pyrite.							
			274 to 275 core fractured and broken with calcite and dark red iron staining on fracture surfaces							
			287 1/4 inch epidote 35° to long core axis.							
			287-293 Aphanitic to fine grained with gradational contacts							
			292-293 1/4" quartz epidote vein 15° to long core axis.							
	296		END OF HOLE							
			Core checked for radioactivity and fluorescence. Nothing of interest.							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



INDEX PLAN
1" = 2Miles

P4 CL 565145
P1 CL 565145
P1 CL 545717
P1 CL 531068
P1 CL 495737
P1 CL 495738
P4 CL 626768
P3 CL 565145
P1 CL 565147
P2 CL 531068
P2 CL 495738
P3 CL 495739
P3 CL 626768
P2 CL 626768

L48E L51E L54E L57E L60E L63E L66E L69E L72E L75E L78E L81E L84E L87E L90E L93E L42E L45E L39E

L565145
L545717
L531068
L531066
L495737
L495738
L495739
L626768
L565147

DK-82-5

Baseline 120+00N

Tieline 105+00N

Tel. Hydro L. (Nw) 1/2

N

100ft 0 500ft
100m 0 200m

DATE APRIL, 82	LABRADOR EXPLORATION (ONTARIO) LIMITED	SCALE 1" = 200'
DRAWN BY	DYMENT – KIDSTON "B" PROJECT	FIGURE NO.
	TECK TOWNSHIP, ONTARIO DIAMOND DRILL HOLE LOCATION PLAN	

42A01SE0019 46 TECK