

Diamond Drill



32D04SE0292 15 HEARST

010

Township of HEARST

Report N<sup>o</sup> 15

Work performed by: Falconbridge Copper Limited

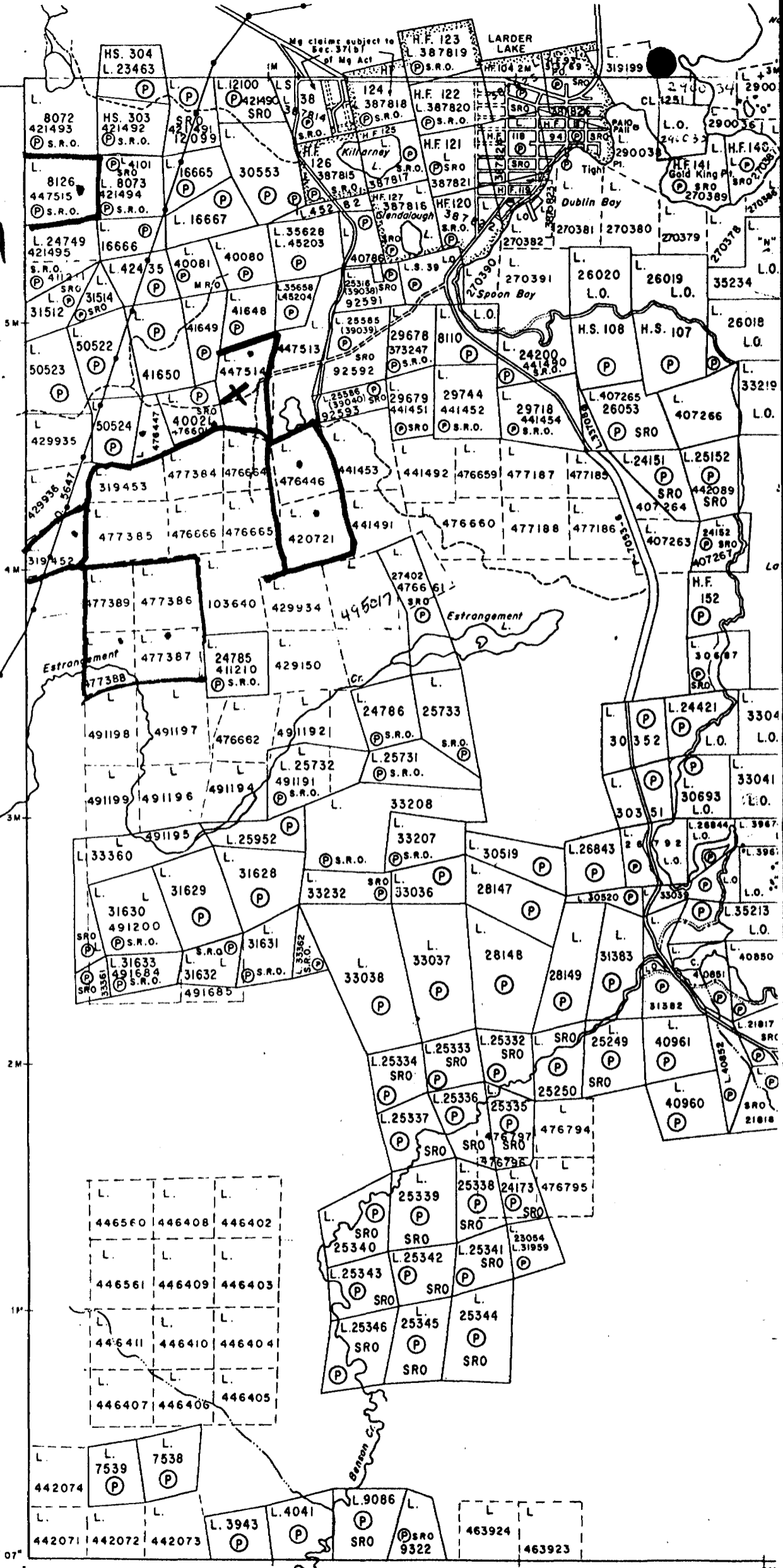
Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
L 447514	LL77-2	506.0'	Mar/77	(1)

Notes:

(1) #91-77

Hearst  
Twp 354  
#91-77  
FALCONBRIDGE  
COPPER LTD.

MCELROY TWP. M-366



48°50'07"  
79°45'39"

COMPANY NIGHT DIAMOND DRILLING		COLLAR ELEVATION 1000 ft	BEARING OF HOLE FROM TRUE NORTH 093° Az	TOTAL FOOTAGE 506 ft A0	DIP OF HOLE AT COLLAR -60°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 1130' 580' #3 POST 447514 LL 77-2 N	MAP REFERENCE NO. 32 D/4	CLAIM NO. 447514	
DATE STARTED 13 <sup>th</sup> 1977	DATE COMPLETED March 18 <sup>th</sup> , 1977	DATE LOGGED March 30 1977	LOGGED BY C. D. A. Comba MSc.	5 ft - 61°	200 ft - 57°		LOCATION (Tp., Lot, Con. OR Lat. and Long.) Hearst Township		
OPERATION CO., OWNER OR OPTIONEE CAMBRIDGE COPPER LIMITED		DATE SUBMITTED April 14 <sup>th</sup> , 1977	SUBMITTED BY (Signature) David Comba	400 ft - 47°	504 ft - 44°		PROPERTY NAME LARDER LAKE PROJECT		
IN DEFAULT DIVISION									

STAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +
						FROM	TO		
0 to 42	Casing	Sand some boulder fill after 60'							
42 to 113.5	Bedded Volcaniclastic	Thinly bedded, felsic looking lapillae sized clasts well supported in a fine clastic matrix at 92', 95', 97', 105' and 110'. Contacted thinly bedded greywacke 99' to 100'. Strong carbonate alteration.	35°	vague					
113.5 to 116.5	Massive Indefinite	Massive featureless flow or thick bedded sediment probably latter							
116.5 to 119.0	Thin Bedded Greywacke	Bedding at 35°-40° to C.A. somewhat indistinct. Carbonate alteration							
119.0 to 139.0	Pyritic Volcaniclastic	Laminated at 35°-40° to C.A. possible sheared. Graded bedding 126.5 to 129.0, with exotic clasts in coarser clastic section. Carbonate alteration pervasive. Blebs and dissems of pyrite 3-4% overall, but 15%-20% in sheet sections.							
139.0 to 147.0	Chloritic Volcanic breccia	20-25% chlorite as matrix to shattered andesite. Shattered in situ							
147.0 to 167.4	Volcaniclastic	Chlorite less than 5%, shattered in situ pervasive carbonate alteration							
167.4 to 186.4	Dioritic Dyke	Gabbroic pervasive carbonate alteration							
186.4 to 206.4	Chloritic Volcanic breccia	20% chlorite as matrix to a shattered andesite. Shattered in situ Chlorite-rich screens with shard-like lapillae sized clasts 1/16" to 1" wide at intervals of 2' to 5'.							
206.4 to 229	Dioritic Dyke	Similar to section 167.4 to 186.4 no chills uniform, featureless carbonated	45°	229					
229 to 238	Brecciated Volcanic	Similar to section 186.4 to 206.4 but lacks chlorite and thin shard screens							
238 to 476	Chloritic Volcaniclastic Breccia	Thin screens of hyaloclastite and/or lapillae sized clasts every 5' to 8'. Screens are chlorite rich with some quartzite, blebby pyrochlore and pyrite and range in width from 1/16" to 6". Overall chlorite content 15-20%. Breccia texture most commonly the result of in situ shattering. Strong pervasive carbonate alteration.							
476 to 497.3	Dioritic dyke	Gabbroic, 10-15% dip chill irregular at about 55°. Lower contact fractured							
497.3 to 498.5	Greywacke?	Thinly bedded overall but good at 45° to C.A. 490.3 to 490.4							
498.5 to 506.0	Chloritic Volcaniclastic Breccia	Similar to adjacent volcanics, pervasive carbonate alteration. Overall chlorite content 5-10% ranging up to 50% in hyaloclastite screens 493.5 to 493.0. Vague in situ brecciation after 493.0. Pervasive carbonate alteration responds to dilute HCl.	45°	493					
506.0 to	End of hole								

+ such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.