ABITIBI—PRICE INC. MINERAL RESOURCES DIVISION

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. 461 | PAGE NO. 1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth (True)	Comments	MAP REFERENCE NO.	CLAIM NO.
	722.4		578		-90		East of Oriental - core broken into pieces up to 2" throughout - EX core		

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	LOCATION (Tp., Lot, Con. OR Lat. and Long.)
		May, 1984	J.G. Thurlow	N6100 E13,830

EXPLORATION CO., OWNER OR OPTIONEE	CORE SIZE	DISPOSITION OF CASING	PROPERTY NAME
	EX		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Sample Footage From	Sample Footage To	Sample Length	Assays Cu	Pb	Zn	Au	Ag
0	87	Overburden	90	92	1					
			92	98	6					
87	140	Dark green well foliated, generally mafic tuff	98	104	5					
		- foliation 45° to core defined by elongate chlorite - tuffaceous textures not distinct	104	107	3					
		- minor disseminated pyrite in foliation plane	107	111	3					
		- abundant calcite as late veinlets and streaks flattened into foliation plane and as knots which replaces plagioclase	111	113	1					
			113	119	2					
		- minor late quartz veining, quartz augen and locally quartz crystals in the tuff	119	129	8					
		- some sections of intermediate to felsic tuff resemble the mafic tuffs	129	133	4					
		- some minor sections with 2 mm feldspar phenocrysts - less foliated	133	138	3					
			138	143	1					
140	218	- up to 140' sequence is homogeneous	148	151	3					
		- from 140' onward, more varying interbedded lithologies	151	156	1.5					
		- interbedded mafic and felsic tuffs - dominantly felsic	156	160	1.5					
		- felsic tuffs are fairly pumiceous and have well developed tuffaceous textures	160	165	1.5					
		- specks Pb-Zn and local moderate pyritization and sericite	165	168	2					
		- disseminated Pb-Zn @ 180', @ 199', @ 179.5' 5% Pb-Zn over 2 inches	168	173	3					
		- kinked and foliated	173	176	2.5					
		- 176-179' massive fine grained dark green - probably dike - foliated and kinked	176	181	4					
		- felsic tuffs are fairly heavily sericitized, locally silicified - well altered in general	181	186	4.5					
			186	191	2					
		- quartz grains are cracked	191	195	3.5					
		- mafic sections are chloritized	195	199	3					
		- some very well foliated sections are probably shears	199	201	1					
		- vague bedding subparallel to foliation - ranging 45-60° to core	201	203	1					
		- locally definite bedding	203							
			?							
218	398	Mainly mafic tuffs with minor felsic tuffs interbedded	207	285	40' box					
		- variable pyrite content - average 3-5%	285	339	"					
		- specks Pb-Zn @ 226.5'	339	377	"					
		- some foliated felsic tuffs resemble Victoria Mine	377	419	"					
		- clayey gouge at 212' and 240' - well cored shears at 248' and 254' and evidence of shearing throughout	419	466	"					
			466	507	"					

ABITIBI—PRICE INC. MINERAL RESOURCES DIVISION

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. 461 | PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth (True)	Comments
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY					
EXPLORATION CO., OWNER OR OPTIONEE		CORE SIZE	DISPOSITION OF CASING					

MAP REFERENCE NO. | CLAIM NO.

LOCATION (Tp., Lot, Con. OR Lot. and Lang.)

PROPERTY NAME

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Sample Footage From	Sample Footage To	Sample Length	Assays Cu	Pb	Zn	Au	Ag
		- beginning at 256', more mafic than before - some sections with amygdules								
		- beginning at 310', becomes darker, cut by abundant calcite veins	507	547	40' box					
		- looks more masked - some possible vitrophyric textures	547	578	"					
		- core recovery improves in box from 339-377'								
		- 350-352' bleached silicified shear zone								
		- abundant retriculate calcite veining								
398	420	- beginning at 398-399' bleaching, sericitization and silicification, sheared and well cored, also at 400, 403-406' and 410-420'								
		- core is weathered - oxidized								
		- specks Pb-Zn 414-415' as disseminations and distinct late veinlets								
		- some fragmental textures visible (may be fault breccia)								
		- rocks are well altered - could be ore horizon rocks or could be akin to felsics from 140-218'								
		- contact not cored								
420	578	Pinkish arkosic conglomerate - variety of mafic-felsic fragments								
		- some quartz 6 mm - 8 mm								
		- at 455' a 2" granitoid								
		- below 475' - lesser pebbles and cobbles								
		- massive medium grained lithic arkose - typical pinkish colours								
		- some plum-colored hematite in veinlets								
		- some prominent quartz								
		- good recovery except at bottom of hole - 570-578' 1 foot recovered								
		578' END								