



42A11SW0054 27 JESSOP

010

Diamond Drilling

Township of JESSOP

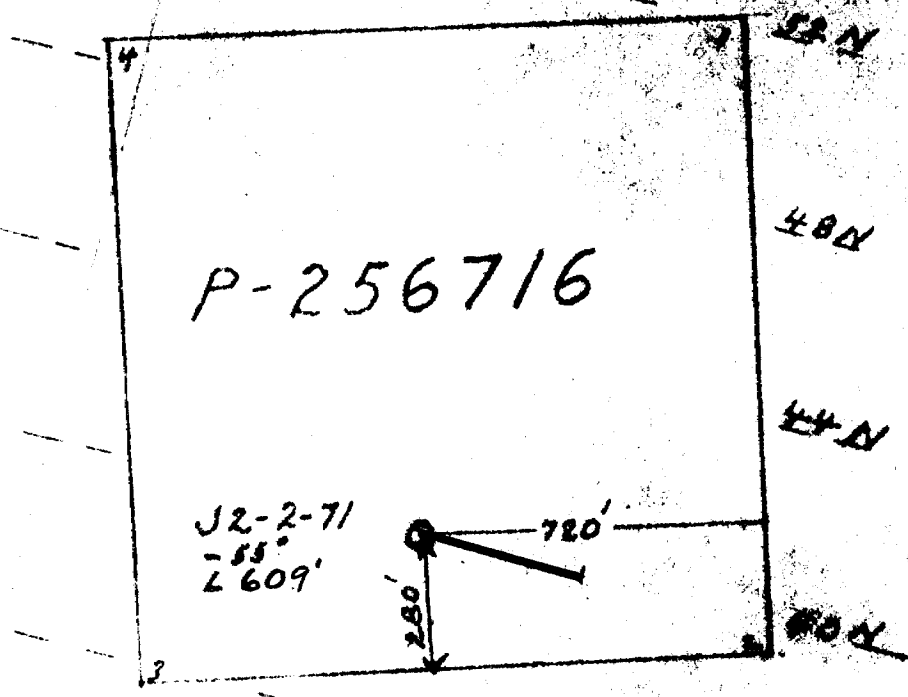
Report NO 27

Work performed by: Hollinger Mines

Claim NO	Hole NO	Footage	Date	Note
P 256716	J2-2-71	609.0'	June/71	

Notes:

BASE LINE



Started - June 10/71
Finished - June 21/71
Wire Line - A.Q. Core

PLAN OF DDH[#] J2-2-71

JESSOP #2 GROUP, JESSOP TWP.
CLAIM # P-256716
Scale - 1" = 400'

W. H. Hansen
HOLLINGER MINES LIMITED
TIMMINS, ONTARIO

Location of Collar from #2-P256716 North 280°

FORM 522
 NORTH XL 40V
 EAST. 8 + 00E
 ELEV. 106
 AZIM. Collar @ 55°
 DIP @ 300° - 48.5°

DIAMOND DRILL REPORT

HOLE NO. J2-2-71
 COMMENCED June 10, 1971
 FINISHED June 15, 1971
 PURPOSE OF HOLE Test in conductor

PROPERTY Jessop #2 Group
 Claim # P-256716 Jessop Twp.

Drilled by Bradley Bros.

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
0	146	Casing						Au Ag.
146	280.6	Massive dacite - carbonatized	150	155		5		dacite - 15% qtz.
		commonly speckled with rhombs of calcite.	165	170		5		" - 50% qtz
		In some sections the rhombs weather out	175	180		5		" - 30% qtz
		leaving a pitted weathered surface on the	180	185		5		" - 30% qtz
		core.	185	190		5		" - 30% qtz
		There is also a high silica content	190	195		5		" - 50% qtz
		throughout this zone. - the dacite is often	195	200		5		" - 10% qtz
		cut by milky quartz-CO ₂ stringers. When	210	215		5		" - 15% qtz
		the core is cut by quartz stringers - the	215	200		5		" - 20% qtz.
		quartz is bluish in colour and somewhat	220	225		5		" - 40% qtz
		translucent.	230	235		5		" - 30% qtz
		The dacite is brecciated locally	245	250		5		" - 30% qtz
		having large (1") fragments in a matrix	260	265		5		bx dacite - 30% qtz.
		that is mostly chloritic. Such a section						
		254-255, 261-266.						
		278.8 - 280.6 the latter section has a						
		matrix of mainly graphite.						
		The dacite itself is grey in colour						
		containing an average of about 5% pyrite						
		over the entire zone.						
		Speck of pyrrhotite @ 163.5						
		negligible zinc.						
280.6	296	Short graphitic zone - 15% py minor						
		zinc with the pyrite.						
		- 85% graphite and carbonate.						

Jessop Report #27

NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

PROPERTY Jessop #2 Group
Jessop Twp.

HOLE NO. J2-2-71 2.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
296	308.1	Massive dacite - similar to previous zone containing py and carbonate. Contacts ground.	285	290		5		Cu Zn Ni Au Ag. graphite - 15% py + zinc
308.1	352.5	pebbly greywacke (or crystal tuff?) -t is zone consists of numerous subrounded carbonaceous fragments? (or replaced crystals?) in a matrix that is mainly graphite. Locally the core axis is pitted due to the weathering of these carbonate occurrences. There are also bands of graphite as well as some fragments? (or portions of unreplaced matrix?). These fragments are very irregular in shape and rarely are greater than 1/2" across. In some of the sections of bands of graphite-crumpling of the banding is noted. There is a general lineation at 45° to the Core Axis. Pyrite is the only mineral identified and comprises approximately 7% of the rock. This zone is thought to be sedimentary since it grades into the more typical banded greywacke sediment with some graphite.	315	320		5		pebbly greywacke - 7% py
		Jessop Report #27						

FORM 822
 NORTH _____
 EAST _____
 ELEV. _____
 AZIM. _____
 DIP _____

DIAMOND DRILL REPORT

HOLE NO. **J2-2-71** 3.
 COMMENCED _____
 FINISHED _____
 PURPOSE OF _____
 HOLE _____

PROPERTY Jessop #2 Group
 Jessop Township

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
352.5	358.3	2 small lamprophyre dykes separated by 1" of sediment @ 355' contacts are at 60° to the core axis. The dykes are largely composed of feldspar containing numerous blebs of a mixture of green fuchsitic mica and chlorite.-no mineralization.						
358.3	609	Sediments - generally the argillitic type containing mostly graphite but having some pyrite and carbonate. This argillite is banded at 30° to the Core Axis. Banding is often contorted probably due to slumping. Mineralization is confined to pyrite in cubic habit without the zinc association of the previously described section. There are a few small pebbly horizons or Kl tuffs.-and one large zone. 395.6 -396.2 418.3 - 498.6 - In the large section the grain size is much smaller than previous and po is commonly found with the pyrite. The carbonate is still present in this however. In the strongly graphitic horizon near the contact with the pebbly material you start to see small rhombs of carbonate						

Jessop Report #27

