HOLLINGER MINES LIMITED

SUMMARY OF EXPLORATION ON HISLOP #2 AND #4 GROUPS

Hislop Township

District of Timiskaming, Ontario

under

ONTARIO GOVERNMENT EXPLORATION ASSISTANCE PROGRAM

June 2, 1976

P. J. Bateman

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FIGURES

Figure 1. Location of claim groups, Hislop Township, District of Timiskaming — facing 1

ADDENDA

A Diamond Drill Log of H2-1-76
B Diamond Drill Log of H4-1-76
C Assay Sheets for both drill holes (in back pocket #1)
D Drill Sections for H2-1-76 and H4-1-76 (in back pocket #1)

MAPS

Provisional Map Showing results of drilling on Hislop #2 and Hislop #4 (in back pocket #2)

PROPERTY, LOCATION, and ACCESS

The property is under option to Hollinger Mines Limited, and consists of two claim groups in Hislop Township, Larder Lake Mining Division (see facing page). The northeastern group, Hislop #2 (Guillemette ground), consists of 5 contiguous unpatented mining claims, L-419061 to L-419065 inclusive, located in the N½ and NE¼ S½ of Lot 4, Con. I. Diagonally to the southeast, the second group, Hislop #4 (Benoit ground), consists of two contiguous patented mining claims in the E½ of S½ broken Lot 5, Con. I.

The claim-groups are readily accessible via Highway #572 from Ramore to the south, or Holtyre, about two miles to the east. The Black River flows northwest through the north half of Hislop #4.

HISTORY

Previous Work

Several gold deposits have been found within a 4.5 mile (7.25 km) radius of the property, ever since Playfair Township discoveries in 1905 sparked gold exploration throughout the area. No previous ground exploration was recorded on either of these claim groups prior to Hollinger acquisition in 1975.

Present Work

Hollinger personnel established grids of cut lines (5.0 miles (8.05 km) on Hislop #2 and 1.9 miles (3.1 km) on Hislop #4) spaced 400 feet (122 metres) apart from baselines striking 090° az. Geological, VLF, HEM, total magnetic intensity, and magnetic gradient surveys were completed over Hislop #2 and the first two filed for assessment. VLF, total magnetic intensity, and magnetic gradient surveys have also been completed over the Benoit ground.

Two diamond drill holes, H2-1-76 and H4-1-76, have recently been completed on both groups, with the aid of the Government Exploration Assistance Program. A total of 1330 feet (405.7 metres) was drilled (BQ core) and the results are discussed below.

GEOLOGY

The property is underlain by rocks of the Noranda-Benoit volcanic complex within the Abitibi orogenic belt (Goodwin and Ridler, 1970). A layered sequence of Keewatin volcanic rocks strikes from 065° to 080° az. across the claim-groups. Pillowed andesite forms the base of the sequence (i.e. the north half of the Guillemette ground) and is overlain by dacite and rhyodacite tuff (south part of Guillemette ground and most of Benoit ground). Drilling shows the sequence to consist of numerous intercalated units of dacite, andesite, rhyodacite, and 'B' flow (a Hollinger classification used to describe massive basic flow rocks which may, in part, be basic, sill-like, and intrusive).

The volcanic units are intruded by a north-trending diabase dyke that is just over 200 feet (61 metres) wide. This diabase cuts through the centre of the Guillemette ground and outcrops again about 3300 feet (approx. 1 km) south, next to the rapids in the Black River. It may branch to the northwest across the Guillemette ground, as shown on the provisional map accompanying this report, although this interpretation remains tentative. The dyke could mark the locus of a north-trending fault, but little or no horizontal displacement is apparent.

Stratified and generally flat-lying silt and clay deposits of glacial Lake Barlow-Ojibway cover most of the property. However, a major west-flowing stream and its tributaries in Hislop #2, and a north-flowing stream in Hislop #4 have worn deep gullies in the glacial material and imparted a rolling topography to the landscape.

RESULTS

Hislop Group 4 (Benoit Option)

Drill hole H4-1-76 was collared in the southeast corner of Hislop #4 in an effort to intersect the interpreted western extension of a sphalerite-galena zone exposed in a riverbank pit on the Black River. The hole was drilled 599 feet (182.7 metres) deep, and cut a narrow zone of brecciated pyritic graphitic tuff as well as two units of dacite to rhyodacite 'porphyry'. The alignment of associated electromagnetic conductors, the attitude of the mineralized zone on the riverbank, and the favourable rock-types encountered in drilling suggest that the target 'horizon' was hit. However, assay results reveal nothing more than local increases in geochemical background. One assay of 0.06 oz. Au/ton in a grab sample of dacite was not supported by subsequent split samples. The drill log, drill section, and assay sheets are enclosed with this report.

Hislop Group 2 (Guillemette Option)

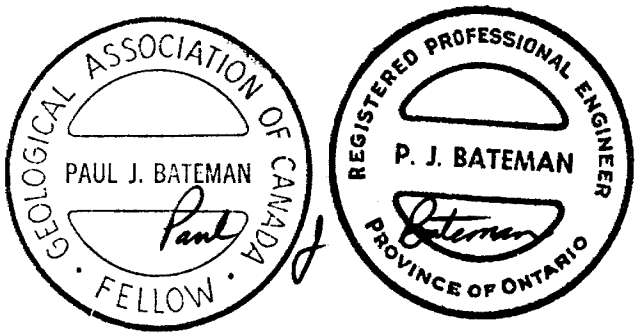
A drill hole, H2-1-76, was put down for 731 feet (223 metres) on the western part of the Guillemette ground to test an interpreted dacite (and/or rhyodacite) - andesite contact coincident with weak V.L.F. ground conductors. A unit of dacite and narrow units of andesite were cut as well as wide sections of 'B' flow and diabase. The distinction between 'B' flow and diabase isn't always apparent as some contacts appear gradational. Locally, the 'B' flow units are composed of a near-chaotic mixture of mafic and felsic fragments that impart an andesite to dacite crystal tuff 'look' to the rock. The diabase is logged subjectively on the basis of sharp contacts, magnetism, and sub-ophitic texture (hand-lens determination). The interpretation of the diabase dyke shown on the provisional map enclosed is based on drilling results and weakly supported by magnetic survey readings. There is little mineralization (pyrite and traces of chalcopyrite) to excite interest, and the dacite, in the terminology of underground mines, appears 'dry'.

Petrographic studies done by the Ontario Provincial Assayer label the units logged as andesite as either andesite or devitrified basalt, and 'B' flow as diorite.

ASSESSMENT

The succession of volcanic flow-units underlying Hislop Group #2 (along XL 4+00 E) is obscured by numerous sections of 'B' flow and diabase. The relative lack of mineralization and the unexpected geological complexity does not enhance the exploration attractiveness of this property. It is, therefore, recommended that no further work be done at this time, and the option be dropped.

On Hislop Group #4, the intersection of favourable rock-types, including a possible 'quartz-eye'-bearing porphyroidal unit, implies the existence of a target 'horizon' along a strike length of at least 1300 feet (about 400 metres). Future drilling could be planned subject to additional ground acquisition and better geophysical definition.



June 2, 1976.

Paul Bateman,
Field Geologist,
Hollinger Mines Limited.

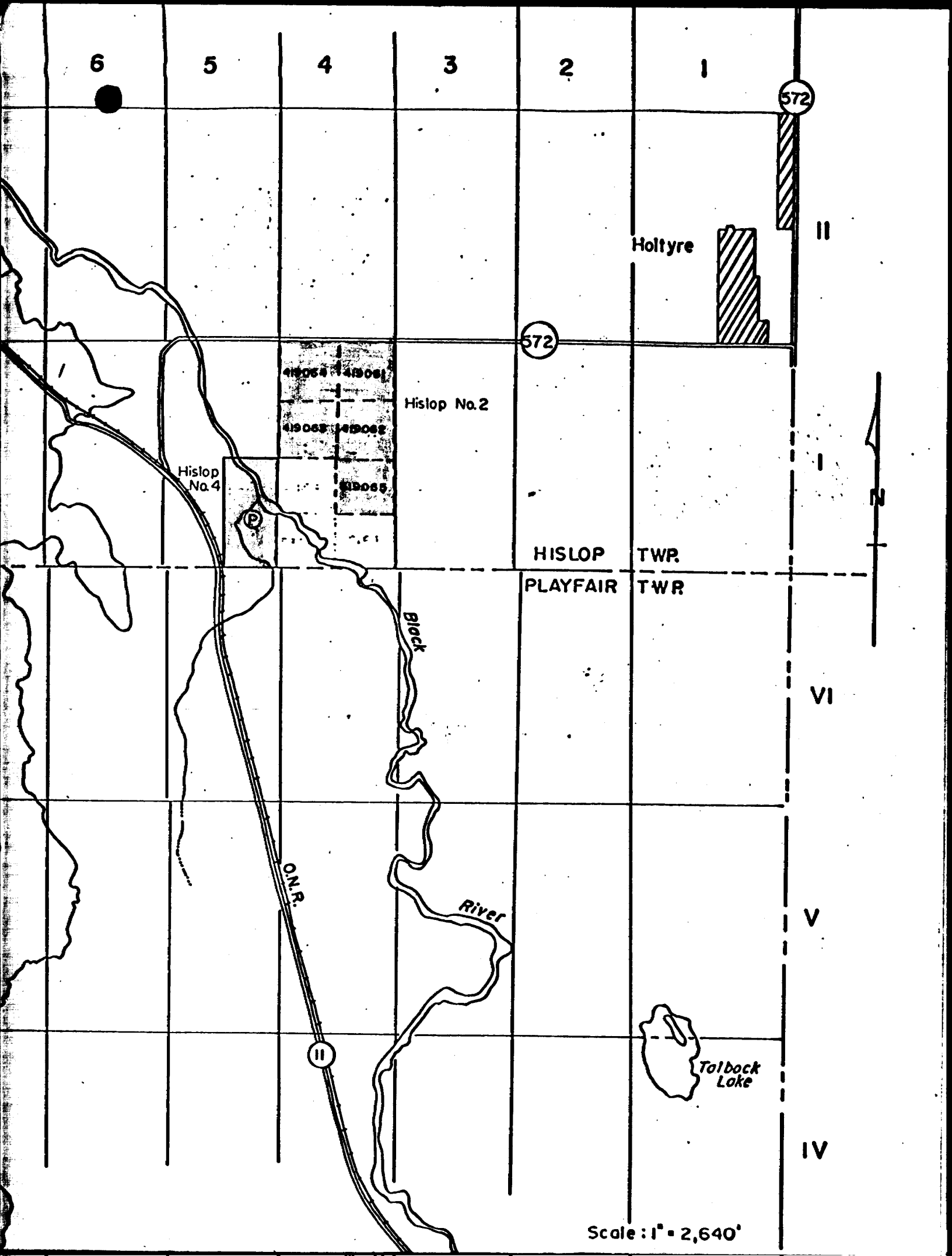
REFERENCES

1. Goodwin A.M. and Ridler R.H., 1970, The Abitibi Orogenic Belt: Geol. Surv. of Canada Paper 70-40, pp 1-30.

2. Hopwood T.P., 1976, "Quartz-Eye"-Bearing Porphyroidal Rocks and Volcanogenic Massive Sulphide Deposits: Economic Geology, Vol. 71, No. 3, May, pp 589-612.

3. Moore E.S., 1936, Geology and Ore Deposits of the Ramore Area: Ontario Department of Mines, Annual Rept. XLV, Part 6, pp 1-37.

4. Prest V.K., 1956, Geology of Hislop Township: Ontario Department of Mines, Annual Rept. LXV, Part 5, pp 1-51.


6
5
4
3
2
1
572
Holtyre
II
572
Hislop No. 2
Hislop No. 4
I
N
HISLOP TWP.
PLAYFAIR TWP.
Black
VI
O.N.R.
River
V
11
Tolbock Lake
IV
Scale : 1" = 2,640'

HOLLINGER MINES LIMITED

PROPOSED EXPLORATION ON HISLOP #2 AND #4 GROUPS

Hislop Township

District of Timiskaming, Ontario

February 5, 1976

P. J. Bateman

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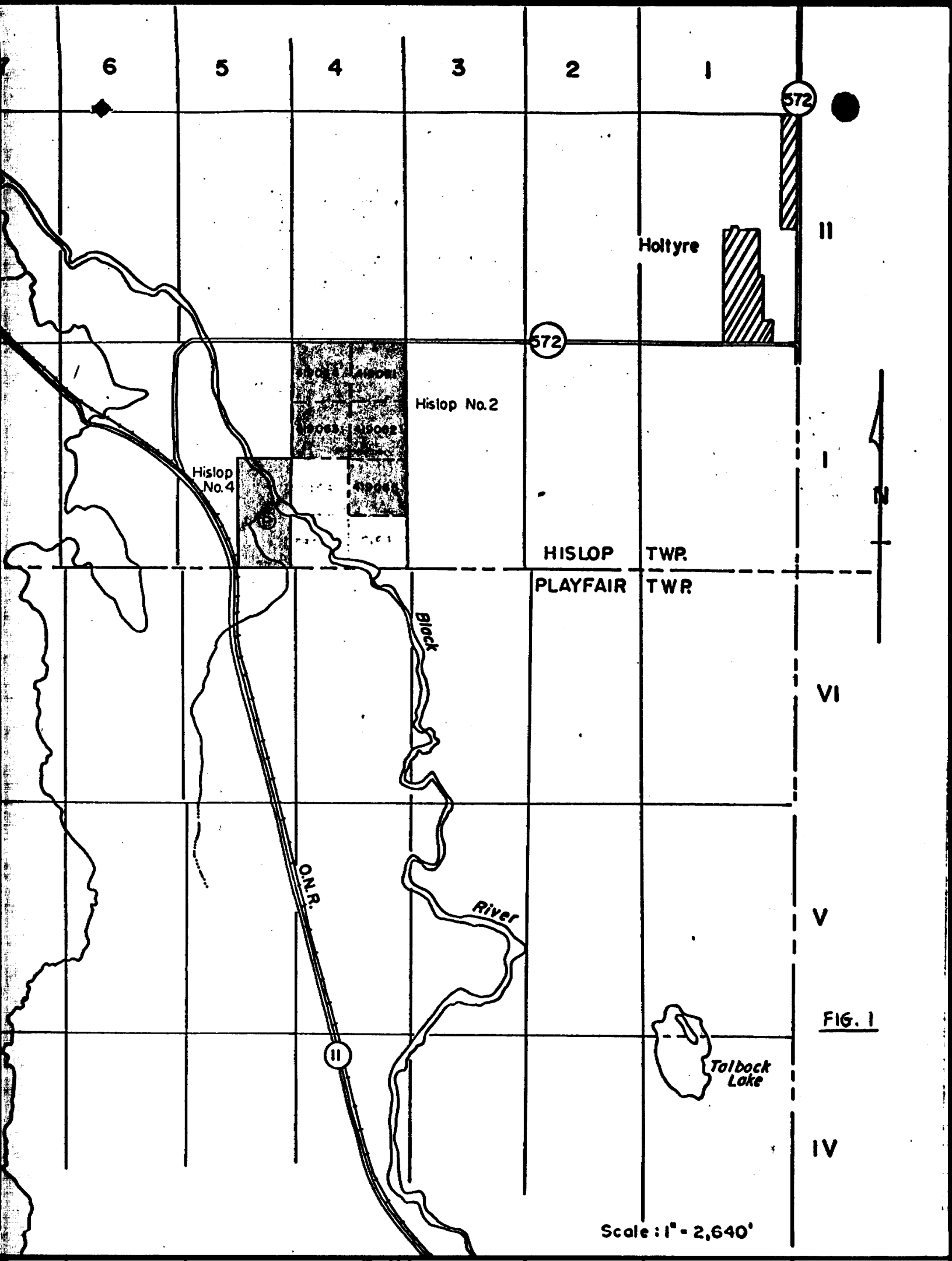
Figure 1. Location of claim groups, Hislop Township, District of Timiskaming . . . . . facing 1

MAPS

Map showing grids on Hislop #2, and Hislop #4 as well as locations of proposed drill-holes 1" = 400'. . . (in back pocket)


6
5
4
3
2
1
572
Holtyre
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572
Hislop No. 2
Hislop No. 4
I
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HISLOP TWP.
PLAYFAIR TWP.
Block
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O.N.R.
River
V
11
Tolbock Lake
IV
Scale : 1" - 2,640'

FIG. 1

PROPERTY, LOCATION, and ACCESS

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The volcanic units are intruded by a north-trending diabase dyke that is just over 200 feet wide. This diabase cuts through the centre of the Guillemette ground and outcrops again about 3300 feet south, next to rapids in the Black River. The dyke may mark the locus of a north-trending fault, but little or no horizontal displacement is apparent.

Stratified and generally flat-lying silt and clay deposits of glacial lake Barlow-Ojibway cover most of the property. However, a major west-flowing stream and its tributaries in Hislop #2, and a north-flowing stream in Hislop #4 have worn deep gullies in the glacial material and imparted a rolling topography to the landscape.

MINERAL POTENTIAL

An old pit (marked on the accompanying map) and gossan zone on the west bank of the Black River, south of Hislop #2 and east of Hislop #4, was examined in early 1973. The showing was found to consist of a highly siliceous unit in which sphalerite and/or pyrite were abundant, with local patches and blebs of galena and chalcopyrite. Assay results showed the encouragement from visual inspection to be justified. The host rock varies from a siliceous chloritic dacite to a silicified(?) rhyodacite and is cut by several sets of joints - the strongest striking north. Attitudes of individual volcanic units are difficult to determine, as the area has not been stripped; however, the

general trend appears to be slightly south of west with a vertical to steeply south dip.

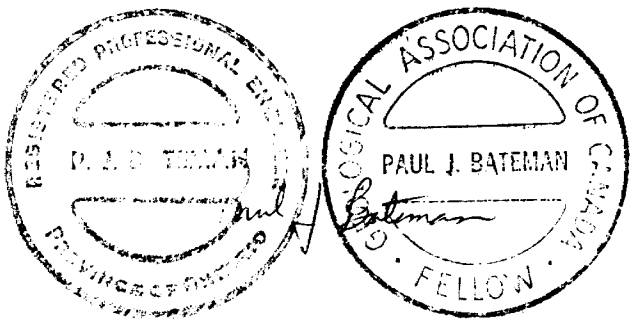
Although there is no outcrop on the Hislop #4 group, the VLF survey reveals a weak to moderate conductor in line with the projected strike of the showing described above. The anomalies are stronger over creek beds, but this east-trending conductor is considered worth testing. Magnetic data tends to confirm the interpretation of strike directions.

The andesite-dacite contact across Hislop #2 group is closely paralleled by VLF and HEM conductors. Once again the conductors are stronger along stream valleys, but the presence of a favourable rock contact plus the proximity of a base metal showing to the south, make them, together, a worthwhile target.

PROPOSED EXPLORATION

Description	Estimated Cost
- 1 drill-hole to test electromagnetic conductors on Hislop #2 - tentative footage - 700'	$ 14,000
- 1 drill-hole to test electromagnetic conductor on Hislop #4 - tentative footage - 500'	$ 10,000
Total estimated expenditure	$ 24,000

A cost of $20.00 per foot for diamond drilling has been used to arrive at these cost estimates. The total expenditure is, thus, all-inclusive - covering costs of supervision, logging, and assaying in addition to normal drilling costs.



Paul J. Bateman

Paul Pateman,
Field Geologist,
Hollinger Mines Limited.

REFERENCES

1. Goodwin A.M. and Ridler R.H., 1970, The Abitibi Orogenic Belt: Geol. Surv. of Canada Paper 70-40, pp 1-30.

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3. Prest V.K., 1956, Geology of Hislop Township: Ontario Department of Mines, Annual Rept. LXV, Part 5, pp 1-51.

FORM 154-W-10-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

March 22, 1976

ASSAY OF 30 SAMPLES ORE

Received March 17, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, Toronto, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~SILVER~~ Gold OUNCES PER TON OF 2000 LBS.	Gold Au. ozs./t	Silver Ag. ozs./t	PER CENT	PER CENT	PER CENT
R 1036	843T	.14	.16	.12				
1037	844	Trace						
1038	845	Nil						
1039	846	Trace						
1040	847	.54	.52	.56				
1041	848	Nil						
1042	849	.02						
1043	850	.03						
1044	851	.03						
1045	852	.06	.06	.06				
1046	853	.02						
1047	854	.02						
1048	855	Trace						
1049	856	Trace						
1050	857	Trace						
1051	858	.03						
1052	859	.05	.06	.04				
1053	860	.02						
1054	861	.04						
1055	862	.01						
1056	863	.03						
1057	864	.02						
1058	865	.03						
1059	866	.27	.26	.28	Trace			
1060	867	.08	.08	.08	Trace			
1061	868	.06						
1062	869	Trace						
1063	870	.24	.22	.24				
1064	871	Trace						
1065	872	Nil						

RECEIVED MAR 24 1976

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152 W-10-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

March 22, 1976

ASSAY OF 10 SAMPLE S ORE

Received March 17, 1976 From Mr. T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~XXXXX~~ Gold OUNCES PER TON OF 2000 LBS.	Gold ~~XXXXX~~ ozs./t.	PER CENT	PER CENT	PER CENT	PER CENT
R 1066	873T	Nil						
1067	874	Trace						
1068	875	Nil						
1069	876	.16	.16	.16				
1070	877	Trace						
1071	885	Nil						
1072	886	.02	.01	.01				
1073	887	Trace						
1074	888	Nil						
1075	889	.02						

MAR 24 1976

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

March 31, 1976

ASSAY OF 21 SAMPLES ORE

Received March 26, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402 - 390 Bay Street, Toronto, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	Gold OUNCES PER TON OF 2000 LBS.	Gold ozs./t.	Silver ozs./t.	PER CENT	PER CENT	PER CENT
R 1241	401T	.02						
1242	402	.06	.05	.05				
1243	403	.02						
1244	404	Trace						
1245	405	Trace						
1246	406	Trace						
1247	407	.06						
1248	408	.07						
1249	409	.06						
1250	410	Trace						
1251	411	Trace						
1252	412	Trace						
1253	413	.08						
1254	414	Nil						
1255	415	Nil						
1256	416	Nil						
1257	417	Nil						
1258	418	Nil						
1259	419	Nil						
1260	898	.10	.08	.12	Trace			
1261	922	.08	.07	.10				

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-10-E

WARNOCK HERSEY INTERNATIONAL LIMITED • PROFESSIONAL SERVICES DIVISION

1154 Sanford Street, Winnipeg R3E 2Z9, Man. . . . Tel. 786-7546

WINNIPEG March 31, 1976

ASSAY OF ONE SAMPLE ORE.

RECEIVED March 17, 1976 FROM Mr. T. Miller, Mid North Engineering Services Suite 1402-390 Bay Street, Toronto, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES (Recheck)	GOLD OUNCES PER TON OF 2000 LBS.	SILVER Gold OUNCES PER TON OF 2000 LBS.	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.
R 1060	867	.08	.10					

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

RECEIVED APR 2 1976

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at ..... per oz.

Silver at ..... per oz.

WARNOCK HERSEY INTERNATIONAL LIMITED
PROFESSIONAL SERVICES DIVISION

Per

FORM 182-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 15, 1976

ASSAY OF 30 SAMPLES ORE

Received April 13, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, Toronto, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1383	201T	Trace						
1384	202	.10	Gold .10	Gold .10				
1385	203	Trace						
1386	204	Trace						
1387	205	.01						
1388	206	Trace						
1389	207	Trace						
1390	208	Trace						
1391	209	Trace						
1392	210	Trace						
1393	211	Trace						
1394	212	.01						
1395	213	.01						
1396	214	Trace						
1397	215	Trace						
1398	216	Trace						
1399	217	Trace						
1400	218	Trace						
1401	219	Trace						
1402	220	.01						
1403	221	Trace						
1404	222	.02						
1405	223	.01						
1406	224	Nil						
1407	225	Trace						
1408	226	Nil						
1409	227	Nil						
1410	228	.73	Gold .70	Gold .76				
1411	229	.01						
1412	230	Trace						

RECEIVED
APR 19 1976

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-1C-F

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 15, 1976

ASSAY OF 23 SAMPLES ORE

Received April 13, 1976 From Mr. T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1413	231T	.01						
1414	232	Trace						
1415	233	.01						
1416	234	Trace						
1417	235	Trace						
1418	236	Trace						
1419	237	.01						
1420	238	Trace						
1421	239	.01						
1422	487	.02						
1423	488	.01						
1424	489	.01						
1425	490	.04	Gold .03	Gold .05				
1426	491	.02						
1427	492	.01						
1428	493	Trace						
1429	494	Trace						
1430	495	.03	Gold .02	Gold .04				
1431	496	.01						
1432	497	Trace						
1433	498	Trace						
1434	499	.02						
1435	500	.01						

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APR 19 1976

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at ..... per oz.

Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 19, 1976

ASSAY OF 23 SAMPLES ORE

Received April 14, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, Toronto, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1459	312T	.02						
1460	313	Trace						
1461	314	.01						
1462	315	Trace						
1463	316	Nil						
1464	317	Trace						
1465	318	Trace						
1466	319	Nil						
1467	320	.01						
1468	321	Trace						
1469	322	Nil						
1470	323	.01						
1471	324	Nil						
1472	325	Trace						
1473	326	Trace						
1474	327	Trace						
1475	328	Nil						
1476	329	.01	Gold .01	Gold .01				
1477	330	Trace						
1478	331	Trace						
1479	332	Trace						
1480	333	.12	Gold .10	Gold .14				
1481	334	Trace						

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

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Red Dog Inn
Red Lake, Ontario

RECEIVED APR 21 1976

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THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 22, 1976

ASSAY OF 30 SAMPLES ORE

Received April 15, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, Toronto, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~SILVER~~ Gold OUNCES PER TON OF 2000 LBS.	Gold Au. ozs./t.	Silver Ag. ozs./t.	Copper Cu. PER CENT	PER CENT	PER CENT
R 1498	335 T	Trace						
1499	336	Trace						
1500	337	Trace						
1501	338	Trace						
1502	339	Trace						
1503	340	.02						
1504	341	.02						
1505	342	.36	.34	.34				
1506	343	.08						
1507	344	.52						
1508	345	.38						
1509	346	Trace						
1510	347	Trace						
1511	348	Trace						
1512	349	Nil						
1513	350	Nil						
1514	351	Nil						
1515	352	Trace						
1516	353	Nil						
1517	375	Trace			Trace	.15		
1518	376	Trace						
1519	377	Nil						
1520	378	Nil						
1521	379	Nil						
1522	380	Nil						
1523	381	Nil						
1524	382	Nil						
1525	383	Nil						
1526	384	Nil						
1527	385	.02						

RECEIVED APR 26 1976

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 22, 1976

ASSAY OF 30 SAMPLES ORE

Received April 13, 1976 From Mr.T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~SILVER~~ Gold OUNCES PER TON OF 2000 LBS.	Gold Au. ozs./t.	PER CENT	PER CENT	PER CENT	PER CENT
R 1528	386T	Nil						
1529	387T	Trace						
1530	388T	Trace						
1531	389T	Nil						
1532	390T	Trace						
1533	391T	Nil						
1534	392T	Trace						
1535	393T	Nil						
1536	394T	Nil						
1537	395T	Nil						
1538	396T	Trace						
1539	397T	Trace						
1540	398T	Trace						
1541	399T	.02						
1542	400T	.39	.34	.44				
1543	1001	.10						
1544	1002	.03						
1545	1003	.02						
1546	1004	.04						
1547	1005	.02						
1548	1006	.02						
1549	1007	Trace						
1550	1008	Nil						
1551	1009	Nil						
1552	1010	Nil						
1553	1011	Trace						
1554	1012	Trace						
1555	1013	.12	.10	.14				
1556	1014	Trace						
1557	1042	Trace						

RECEIVED
APR 26 1976
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THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-Y-10-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 22, 1976

ASSAY OF 4 SAMPLE S ORE

Received April 15, 1976 From Mr. T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~SILVER~~ Gold OUNCES PER TON OF 2000 LBS.	Gold Au. ~~METRIC~~ ozs./t.	Silver Ag. ~~METRIC~~ ozs./t.	PER CENT	PER CENT	PER CENT
R 1558	1043	.08	.08	.08				
1559	1044	Trace						
1560	1045	Trace						
1561	1046	.05	.06	.04	.10			

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

RECEIVED
APR 26 1976

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE, BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204) 786-7546 Telex 07-57254

April 22, 1976

ASSAY OF 26 SAMPLES ORE

Received April 19, 1976 From Mr. T. Miller, Mid North Engineering Services Suite 1402-390 Bay Street, Toronto, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1562	1047	Nil						
1563	1048	.04						
1564	1049	Nil						
1565	1050	Trace						
1566	1051	Nil						
1567	1052	Nil						
1568	1053	Nil						
1569	1054	.08						
1570	1055	Trace						
1571	1056	Trace						
1572	1057	Trace						
1573	1058	Trace						
1574	1059	Nil						
1575	1060	Nil						
1576	1061	1.15	Gold 1.04	Gold 1.20				
1577	1062	.04						
1578	1063	Nil						
1579	1064	Nil						
1580	1065	Nil						
1581	1066	Nil						
1582	1067	Nil						
1583	1068	Trace						
1584	1069	Nil						
1585	1070	Trace						
1586	1071	Trace						
1587	1072	Trace						

RECEIVED
APR 26 1976

cc Mr. Paul C. McLean
663 McIntyre Street
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
RED LAKE, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-10-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 23, 1976

ASSAY OF 30 SAMPLES ORE

Received April 21, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, Toronto, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	~~GOLD~~ Gold OUNCES PER TON OF 2000 LBS.	Gold ozs./t.	Silver Ag. ozs./t.	Copper Cu. PER CENT	PER CENT	PER CENT
R 1592	1141	Trace			.08	.16		
1593	1142	Nil						
1594	1143	Nil						
1595	1144	Trace			Trace	.13		
1596	1145	Trace			Trace	.11		
1597	1146	Trace			Trace	.17		
1598	1147	Nil						
1599	1148	Nil						
1600	1149	Nil						
1601	1150	Trace						
1602	1151	Trace						
1603	1152	.04						
1604	1153	Trace						
1605	1154	Nil						
1606	1169	Nil						
1607	1170	Nil						
1608	1171	.03	.02	.04				
1609	1172	Nil						
1610	1173	Nil						
1611	1174	Trace						
1612	1175	Trace						
1613	1176	Trace						
1614	1177	Trace						
1615	1178	Trace						
1616	1179	Trace						
1617	1180	Nil						
1618	1251	Nil						
1619	1252	Trace						
1620	1253	Trace						
1621	1254	Nil						

RECEIVED
APR 26 1976
FILED

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

April 23, 1976

ASSAY OF 11 SAMPLE S ORE

Received April 21, 1976 From Mr. T. Miller, Mid North Engineering Services

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	Gold OUNCES PER TON OF 2000 LBS.	Gold ozs./t	PER CENT	PER CENT	PER CENT	PER CENT
R 1622	1255	Nil						
1623	1256	Nil						
1624	1257	.22						
1625	1258	.23	.20	.26				
1626	1259	Trace						
1627	1260	Nil						
1628	1261	Nil						
1629	1262	Nil						
1630	1263	Nil						
1631	1264	Nil						
1632	1265	Nil						

cc Mr. Paul C. McLean
663 McIntyre Street W.
North Bay, Ontario

cc Mr. David Sannes
Red Dog Inn
Red Lake, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 182-W-10-E

WARNOCK HERSEY INTERNATIONAL LIMITED • PROFESSIONAL SERVICES DIVISION

1154 Sanford Street, Winnipeg R3E 2Z9, Man. . . . Tel. 786-7546

RECEIVED MAY 10 1976

WINNIPEG May 6, 1976

ASSAY OF 9 SAMPLES ORE.

RECEIVED April 30, 1976 FROM Mr. T. Miller, Mid North Engineering Services Suite 1402-390 Bay Street, Toronto, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.
R 1884	T 287	Trace						
1885	288	.02						
1886	289	Trace						
1887	290	Trace						
1888	291	Trace						
1889	292	.19						
1890	293	Trace						
1891	294	.02						
1892	295	Trace						
	cc Mr. Paul C. McLean 663 McIntyre Street W. North Bay, Ontario							
	cc Mr. David Sannes Red Dog Inn Red Lake, Ontario							

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at ..... per oz.

Silver at ..... per oz.

WARNOCK HERSEY INTERNATIONAL LIMITED
PROFESSIONAL SERVICES DIVISION

Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

May 13, 1976

ASSAY OF 30 SAMPLES ORE

Received May 6, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, TORONTO, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
			Gold	Gold				
R 1896	1190	Trace	Trace	Trace				
1897	1191	Trace						
1898	1192	Trace						
1899	1193	Nil						
1900	1194	Nil						
1901	1195	Nil						
1902	1196	Trace						
1903	1197	Nil						
1904	1198	Trace						
1905	1199	Trace						
1906	1200	Trace						
1907	1201	Trace						
1908	1202	Nil						
1909	1203	Nil						
1910	1204	Nil						
1911	1205	Nil						
1912	1206	Nil						
1913	1207	Trace						
1914	1225	Trace						
1915	1229	Trace						
1916	1230	Nil						
1917	1231	Nil						
1918	1358	Trace						
1919	1359	Trace						
1920	1360	Trace						
1921	1361	Trace						
1922	1362	.02						
1923	1363	Nil						
1924	1364	Nil						
1925	1365	Trace						

RECEIVED MAY 1 1976 LIMITED

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at ..... per oz.

Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

May 13, 1976

ASSAY OF 7 SAMPLES ORE

Received May 6, 1976 From Mr. T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	Gold Oz. OUNCES PER TON OF 2000 LBS.	Gold Au. ozs./t.	Silver Ag. ozs./t.	PER CENT	PER CENT	PER CENT
R 1926	1366	Nil						
1927	1367	Nil						
1928	1383	.15	.10	.10				
1929	1384	Trace						
1930	1385	.30	.26	.32				
1931	1386	Trace						
1932	1387	2.31	2.26	1.90	.54			

cc Mr. Paul C. McLean
663 McIntyre Street W.
NORTH BAY, Ontario

cc Mr. David Sannes
Red Dog Inn
RED LAKE, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

May 14, 1976

ASSAY OF 30 SAMPLE S ORE

Received May 12, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, TORONTO, Ontario

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1943	1411	.01						
1944	1412	.06	Gold .06	Gold .06				
1945	1413	.06						
1946	1414	.01						
1947	1415	.01						
1948	1416	.02						
1949	1417	.02						
1950	1418	.01						
1951	1419	Trace						
1952	1420	.01						
1953	1421	.01						
1954	1422	Trace						
1955	1423	.01						
1956	1424	.01						
1957	1425	Trace						
1958	1426	Trace						
1959	1427	.01						
1960	1428	.01						
1961	1429	.01						
1962	1430	.01						
1963	1431	Trace						
1964	1471	.01						
1965	1472	Trace						
1966	1473	.04	Gold .04	Gold .03				
1967	2916	.07						
1968	2917	.01						
1969	2918	.01						
1970	2919	.01						
1971	2920	Trace						
1972	2921	.20	Gold .19	Gold .14				

RECEIVED MAY 17 1976 ALCLIVED

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per G. Dahlin

FORM 152-W-1C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

May 14, 1976

ASSAY OF 10 SAMPLES ORE

Received May 12, 1976 From Mr. T. Miller, Mid North Engineering Services.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1973	2922	.01						
1974	2923	.01						
1975	2924	Trace						
1976	2925	.04						
1977	2926	Trace						
1978	2927	Trace						
1979	2928	Trace						
1980	2929	Trace						
1981	2936	.02	Gold .02	Gold .01				
1982	2965	.06	Gold .04	Gold .04				

cc Mr. Paul C. McLean
663 McIntyre Street W.
NORTH BAY, Ontario

cc Mr. David Sannes
Red Dog Inn
RED LAKE, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.

Per

FORM 152-W- C-E

Warnock Hersey Professional Services Ltd.
1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204) 786-7546 Telex 07-57254

May 19, 1976

ASSAY OF 15 SAMPLES ORE

Received May 14, 1976 From Mr. T. Miller, Mid North Engineering Services, Suite 1402-390 Bay Street, TORONTO, Ontario.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD OUNCES PER TON OF 2000 LBS.	SILVER OUNCES PER TON OF 2000 LBS.	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT
R 1983	2201T	Trace						
1984	2202T	Nil						
1985	2203T	.02						
1986	2204T	.02						
1987	2205T	Trace						
1988	2206T	Nil						
1989	2207T	Trace						
1990	2208T	Trace						
1991	2209T	Trace						
1992	2210T	Nil						
1993	2211T	.04	Gold .05	Gold .03				
1994	2212T	Trace						
1995	2948	Trace						
1996	2949	Trace						
1997	2950	Trace						

RECEIVED
MAY 21 1976

cc Mr. Paul C. McLean
663 McIntyre Street W.
NORTH BAY, Ontario

cc Mr. David Sannes
Red Dog Inn
RED LAKE, Ontario

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON
Gold at ..... per oz.
Silver at ..... per oz.

Warnock Hersey Professional Services Ltd.
Per

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 17th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-878	D. D. CORE.	Trace.			
2	79		"			
3	80		"			
4	81		"			
5	82		"			
6	83		"			
7	84	"				
8						
9						
10						
11						
12						
13						
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General Remarks

Geology Engineer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 18th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	SILVER. Ozs.	$
1	T-890	D. D. CORE.	Trace.			
2	91	"	"			
3	92	"	"			
4	93	"	"			
5	94	"	0.26	9.10		
6	95	"	Trace.			
7	96	"	"			
8	97	"	0.12	4.20	Trace.	
9	98	"	Trace.			
10	99	"	"			
11	T-900	"	0.04	1.40		
12	01	"	Trace.			
13	02	"	0.02	0.70		
14	03	"	Trace.			
15	04	"	"			
16	05	"	0.01	0.35		
17	06	"	Trace.			
18	07	"	"			
19	T-765	L. D. Sludge.	0.02	0.70		
20	66	"	Trace.			
21	67	"	"			
22	68	"	"			
23	69	"	"			
24	70	"	0.06	2.10		
25	71	"	Trace.			
26	72	"	"			
27	73	"				
28						
29						
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General Remarks

Assayer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Rbino Mines Ltd.,

DATE March 19th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-908	(D. D. CORE.)	Trace.			
2	09	"	"			
3	10	"	"			
4	11	"	"			
5	12	"	"			
6	13	"	"			
7	14	"	0.01	0.35		
8	15	"	Trace.			
9	16	"	"			
10	17	"	"			
11	18	"	"			
12	19	"	0.01	0.35		
13	20	"	Trace.			
14	21	"	0.06	2.10		
15	22	"	0.11	3.85		
16	23	"	0.01	0.35		
17	24	"	Trace.			
18	25	"	"			
19	26	"	"			
20	27	"	"			
21	28	"	"			
22	29	"	"			
23	30	"	"			
24	31	"	"			
25	32	"	0.01	0.35		
26	33	"	Trace.			
27	34	"	"			
28	35	"	"			
29	36	"	"			
30						
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General Remarks

Geny Eugene

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 19th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-937	D. D. CORE.	Trace.			
2	38	"	"			
3	39		"			
4	40		0.02	0.70		
5	41		0.02	0.70		
6	42		0.04	1.40		
7	43		Trace.			
8	44		"			
9	45	"	"			
10	46		0.01	0.35		
11	47		Trace.			
12	48		0.01	0.35		
13	49		0.06	2.10		
14	50		Trace.			
15	51		0.02	0.70		
16	52		Trace.			
17	53		"			
18	54	"	0.01	0.35		
19						
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General Remarks

Assay Engineer

RT

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 22nd, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-955	D. D. CORE.	0.02	0.70		
2	56		Trace.			
3	57		"			
4	58		"			
5	59		0.02	0.70		
6	60		Trace.			
7	61		"			
8	62		"			
9	63		"			
10	64		0.22	7.70		
11	65		Trace.			
12	66	"	"			
13	67		"			
14	68		"			
15	69		"			
16	70		"			
17	71		"			
18	72		"			
19	73		"			
20	74		"			
21	75		"			
22	76		"			
23	77	"	"			
24	78		"			
25	79		0.01	0.35		
26	80		Trace.			
27	81		"			
28	82		"			
29	83		"			
30	84		"			
31	85		"			
32	86		"			
33	87		"			
34	88		"			
35	89	"				
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General Remarks

Assay Engineer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 23rd, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-53	D. D. Sludge.	0.03	1.05		
2	54		0.02	0.70		
3	55		Trace.			
4	56		"			
5	57		"			
6	58		"			
7	59		0.08	2.80		
8	60		0.10	3.50		
9	61		0.14	4.90		
10	62	"	0.04	1.40		
11	63		Trace.			
12	64		"			
13	65		"			
14	66		"			
15	T-775		0.03	1.05		
16	76		0.06	2.10		
17	77		0.02	0.70		
18	78		Trace.			
19	79	"	0.01	0.35		
20	80		Trace.			
21	81		"			
22	82		"			
23	83		0.03	1.05		
24	84		0.06	2.10		
25	85		0.08	2.80		
26	86		Trace.			
27	87		0.02	0.70		
28	88		Trace.			
29	89	"	"			
30	90		"			
31	91		"			
32	92		"			
33	93		"			
34	94		"			
35	95		0.03	1.05		
36	T-797		Trace.			
37	98		"			
38	99		"			
39	T-800	"	0.01	0.35		
40						

General Remarks

Geology Engineer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 26th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-990	(D. D. CORE.)	Trace.			
2	91	"	"			
3	92		0.02	0.70		
4	93		0.04	1.40		
5	94	"	0.02	0.70		
6	95		Trace.			
7	96		0.03	1.05		
8	97		0.08	2.80		
9	98		0.03	1.05		
10	99		0.01	0.35		
11	T-1000	"	0.10	3.50		
12	T-67	(D. D. Sludges."	Trace.			
13	68		0.01	0.35		
14	69		0.02	0.70		
15	70		Trace.			
16	71		0.04	1.40		
17	72	"	0.04	1.40		
18	73		0.06	2.10		
19	74		Trace.			
20	75		0.03	1.05		
21	76		Trace.			
22	77		0.04	1.40		
23	78	"	Trace.			
24	79		0.06	2.10		
25	80		0.11	3.85		
26	81		0.10	3.50		
27	82		Trace.			
28	83		"			
29	84		0.02	0.70		
30	85		0.12	4.20		
31	86	"	0.02	0.70		
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General Remarks

Geny Eugenie

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 26th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-89	D. D. Sludge.	Trace.			
2	90	"	"			
3	91	"	"			
4	92	"	"			
5	93	"	"			
6	94	"	"			
7	95	"	"			
8	96	"	"			
9	97	"	"			
10	98	"	"			
11	99	"	"			
12	T-100	"	"			
13	01	"	"			
14	02	"	"			
15	03	"	"			
16	04	"	"			
17	05	"	"			
18	06	"	"			
19	07	"	"			
20	08	"	"			
21	09	"	"			
22	10	"	"			
23	11	"	"			
24	12	"	"			
25	13	"	"			
26	T-796	"	0.01	0.35		
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General Remarks

Geary Sturgeon

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 29th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	GOLD PER TON $	SILVER. Ozs.	SILVER. $
1	T-114	D. D. Sludge.	0.02	0.70		
2	15		0.04	1.40		
3	16		0.02	0.70		
4	17		0.02	0.70		
5	18		0.04	1.40		
6	19		0.01	0.35		
7	20		0.08	2.80		
8	21	"	0.11	3.85		
9	22		0.06	2.10		
10	23		0.08	2.80		
11	24		0.06	2.10		
12	25		0.05	1.75		
13	26		0.02	0.70		
14	27		0.04	1.40		
15	28	"	0.06	2.10		
16						
17						
18	T-964	"D. D. CORE " "Checked."	0.20	7.00		
19	T-997				Trace.	
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General Remarks

Tony Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 30th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-129	D. D. Sludge.	0.06	2.10		
2	30		0.04	1.40		
3	31		0.16	5.60		
4	32		0.18	6.30		
5	33		0.10	3.50		
6	34		0.05	1.75		
7	35		0.08	2.80		
8	36		0.03	1.05		
9	37		Trace.			
10	38		"			
11	39	"	0.01	0.35		
12	40		0.11	3.85		
13	41		0.12	4.20		
14	42		0.01	0.35		
15	43		Trace.			
16	44		0.06	2.10		
17	45		0.26	9.10		
18	46		0.03	1.05		
19	47		0.09	3.15		
20	48		0.14	4.90		
21	49	"	0.08	2.80		
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General Remarks

Jerry Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE March 31st, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-150	D. D. Sludge.	0.02	0.70		
2	51		Trace.			
3	T-159		0.02	0.70		
4	60		Trace.			
5	61		0.03	1.05		
6	62		0.03	1.05		
7	63		0.04	1.40		
8	64		Trace.			
9	65		"			
10	66		"			
11	67	"	"			
12	68		"			
13	69		"			
14	70		"			
15	71		"			
16	72		"			
17	73		"			
18	74		"			
19	75		"			
20	76		"			
21	77		"			
22	78	"	"			
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General Remarks

Geo. Augoin

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 1st, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-152	D. D. Sludge.	Trace.			
2	53	"				
3	54	"				
4	55	"				
5	56	"				
6	57	"				
7	58	"				
8	T-179	"				
9	80	"				
10	81	"				
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General Remarks

Jenny Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 5th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-420	D. D. Sludge.	Trace.			
2	21		"			
3	22		"			
4	23		"			
5	24		"			
6	25		"			
7	26		0.01	0.35		
8	27		Trace.			
9	28		"			
10	29	"	"			
11	30		"			
12	31		"			
13	32		0.01	0.35		
14	33		Trace.			
15	34		"			
16	35		"			
17	36		"			
18	37		"			
19	38		"			
20	39	"	"			
21	40		"			
22	41		0.03	1.05		
23	42		0.01	0.35		
24	43		Trace.			
25	44		0.02	0.70		
26	45		Trace.			
27	46		0.02	0.70		
28	47		0.02	0.70		
29	48	"	Trace.			
30	49		"			
31	50		"			
32	51		0.01	0.35		
33	52		0.02	0.70		
34	53		Trace.			
35	54		0.01	0.35		
36	55		0.01	0.35		
37	56		Trace.			
38	57	"	"			
39						
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General Remarks

Henry Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 6th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-458	D. D. Sludge.	Trace.			
2	59	"				
3	60	"				
4	61	"				
5	62	"	0.02	0.70		
6	63	"	0.01	0.35		
7	64	"	Trace.			
8	65	"				
9	66	"				
10	67	"	0.01	0.35		
11	68	"	Trace.			
12						
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General Remarks

Assay Engineer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 8th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-469	D. D. CORE.	Trace.			
2	70		"			
3	71		0.01	0.35		
4	72		0.02	0.70		
5	73		Trace.			
6	74		"			
7	75		0.01	0.35		
8	76		Trace.			
9	77	"	"			
10	78		"			
11	79		"			
12	80		"			
13	81		"			
14	82		0.01	0.35		
15	83		0.02	0.70		
16	84		0.01	0.35		
17	85		Trace.			
18	86	"	"			
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General Remarks

Geny Eugenio

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 9th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#2802	"D. D. Sludge."	0.07	2.45		
2	03		0.04	1.40		
3	04		0.04	1.40		
4	05		Trace.			
5	06		"			
6	07		"			
7	08		"			
8	09		"			
9	10		0.03	1.05		
10	11	"	Trace.			
11	12		"			
12	13		"			
13	14		"			
14	15		"			
15	16		"			
16	17		"			
17	18		"			
18	19		"			
19	20		"			
20	21	"	"			
21	22		"			
22	23		"			
23	24		"			
24	25		0.01	0.35		
25	26		0.06	2.10		
26	27		0.03	1.05		
27	28		0.02	0.70		
28	29		0.02	0.70		
29	30		0.01	0.35		
30	#2851	"	Trace.			
31	52		0.01	0.35		
32	53		0.02	0.70		
33	54		Trace.			
34	55		"			
35	56		"			
36	57		0.02	0.70		
37	58		0.03	1.05		
38	59		Trace.			
39	60		0.01	0.35		
40	61	"	Trace.			

General Remarks

Geology Engineer

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 9th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#2862	"D. D. Sludge."	Trace.			
2	63		"			
3	64		"			
4	65	"	0.03	1.05		
5	T-240	"D. D. CORE."	Trace.			
6	41		"			
7	42		"			
8	43		"			
9	44		"			
10	45		"			
11	46		"			
12	47		"			
13	48		"			
14	49		"			
15	50	"	"			
16	51		"			
17	52		"			
18	53		0.01	0.35		
19	54		Trace.			
20	55		"			
21	56		"			
22	57	"	"			
23						
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General Remarks

Geo. Ingram

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 12th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-258	D. D. CORE.	Trace.			
2	59	"	"			
3	60	"	"			
4	61	"	"			
5	62	"	"			
6	63	"	"			
7	64	"	"			
8	65	"	"			
9	66	"	"			
10	67	"	"			
11	68	"	"			
12	69	"	"			
13	70	"	"			
14	71	"	"			
15	72	"	"			
16	73	"	"			
17	74	"	"			
18	75	"	"			
19	76	"	"			
20	77	"	"			
21	78	"	"			
22	79	"	"			
23	80	"	"			
24	81	"	"			
25	82	"	"			
26	83	"	"			
27	84	"	"			
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General Remarks

Geny Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 12th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-285	D. D. CORE.	Trace.			
2	86	"	"			
3	87		"			
4	88		"			
5	89		"			
6	90		"			
7	91		"			
8	92		0.04	1.40		
9	93	"	Trace.			
10	94		"			
11	95		"			
12	96		"			
13	97		"			
14	98		"			
15	99		"			
16	T-300		"			
17	01		"			
18	02	"	"			
19	03		"			
20	04		"			
21	05		"			
22	06		"			
23	07		"			
24	08		"			
25	09		"			
26	10		"			
27	11	"	"			
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General Remarks

Geary Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 13th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-354	(D. D. CORE.)	Trace.			
2	55		"			
3	56		"			
4	57		"			
5	58		"			
6	59		"			
7	60	"	"			
8	61		"			
9	62		"			
10	63		"			
11	64		"			
12	65		"			
13	66		"			
14	67	"	"			
15	68		"			
16	69		"			
17	70		"			
18	71		"			
19	72		"			
20	73		"			
21	74	"	"			
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General Remarks

Geology Engr.

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 14th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1015	D. D. CORE.	Trace.			
2	16		"			
3	17		0.04	1.40		
4	18		Trace.			
5	19		"			
6	20		"			
7	21		"			
8	22		"			
9	23	"	0.02	0.70		
10	24		Trace.			
11	25		"			
12	26		0.03	1.05		
13	27		Trace.			
14	28		"			
15	29		"			
16	30		"			
17	31		"			
18	32	"	0.01	0.35		
19	33		Trace.			
20	34		"			
21	35		"			
22	36		"			
23	37		"			
24	38		"			
25	39		"			
26	40		"			
27	41	"	"			
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General Remarks

Geo. Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 19th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1073	D. D. CORE.	0.04	1.40		
2	74		0.02	0.70		
3	75		Trace.			
4	76		"			
5	77		"			
6	78		"			
7	79		"			
8	80	"	"			
9	81		"			
10	82		"			
11	83		0.02	0.70		
12	84		Trace.			
13	85		"			
14	86		"			
15	87		"			
16	88	"	"			
17	89		"			
18	90		"			
19	91		"			
20	92		"			
21	93		"			
22	94		"			
23	95		"			
24	96	"	"			
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General Remarks

Geo. J. Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE April 20th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1097	D. D. CORE.	Trace.			
2	98	"	"			
3	99		"			
4	#1100		"			
5	01		"			
6	02		"			
7	03		"			
8	04		"			
9	05		"			
10	06	"	"			
11	07		"			
12	08		"			
13	09		"			
14	10		"			
15	11		"			
16	12		"			
17	13		"			
18	14		"			
19	15		"			
20	16	"	"			
21	17		"			
22	18		"			
23	19		"			
24	20		"			
25	21		"			
26	22		"			
27	23		"			
28	24		"			
29	25		"			
30	26	"	"			
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General Remarks

Geology Surveyor

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 20th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1127	D. D. CORE.	Trace.			
2	28		"			
3	29		0.02	0.70		
4	30		Trace.			
5	31		"			
6	32		"			
7	33		"			
8	34		"			
9	35		"			
10	36	"	0.02	0.70		
11	37		Trace.			
12	38		"			
13	39		"			
14	40		"			
15	#1155		"			
16	56		"			
17	57		"			
18	58		"			
19	59	"	"			
20	60		"			
21	61		0.04	1.40		
22	62		Trace.			
23	63		0.04	1.40		
24	64		Trace.			
25	65		"			
26	66		"			
27	67		0.08	2.80		
28	68	"	0.01	0.35		
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General Remarks

George Sargeant

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 20th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#2831	D. D. Sludge.	0.01	0.35		
2	32		0.02	0.70		
3	33		Trace.			
4	34		0.02	0.70		
5	35		Trace.			
6	36		"			
7	37		"			
8	38		"			
9	39		"			
10	40		0.05	1.75		
11	41	"	0.03	1.05		
12	42		Trace.			
13	43		0.02	0.70		
14	44		0.02	0.70		
15	45		0.07	2.45		
16	46		Trace.			
17	47		"			
18	48		0.02	0.70		
19	49		Trace.			
20	50		"			
21	#2866	"	"			
22	67		"			
23	68		"			
24	69		0.06	2.10		
25	70		Trace.			
26	71		0.06	2.10		
27	72		0.04	1.40		
28	73		0.02	0.70		
29	74		0.01	0.35		
30	75		Trace.			
31	76		"			
32	77	"	"			
33						
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General Remarks

Henry Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE April 20th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#2878	D. D. Sludge.	Trace.			
2	79		0.02	0.70		
3	80		0.03	1.05		
4	81		0.02	0.70		
5	82		Trace.			
6	83		"			
7	84		"			
8	85		"			
9	86	"	"			
10	87		0.02	0.70		
11	88		0.01	0.35		
12	89		0.02	0.70		
13	90		0.01	0.35		
14	91		0.01	0.35		
15	92		Trace.			
16	93		"			
17	94	"	0.02	0.70		
18	95		0.03	1.05		
19	96		0.02	0.70		
20	97		0.02	0.70		
21	98		Trace.			
22	99		"			
23	#2900		0.01	0.35		
24	01		0.02	0.70		
25	02	"	Trace.			
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General Remarks

Geary Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE May 3rd, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1181	D. D. CORE.	Trace.			
2	82	"	"			
3	83	"	"			
4	84	"	"			
5	85	"	"			
6	86	"	"			
7	87	"	"			
8	88	"	"			
9	89	"	"			
10	#1342	"	"			
11	43	"	"			
12	44	"	"			
13	45	"	"			
14	46	"	"			
15	47	"	"			
16	48	"	"			
17	49	"	"			
18	50	"	"			
19	51	"	"			
20	52	"	"			
21	53	"	0.04	1.40		
22	54	"	Trace.			
23	55	"	"			
24	56	"	"			
25	57	"	0.04	1.40		
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General Remarks

Henry Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 4th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1208	D. D. CORE.	Trace.			
2	09		0.03	1.05		
3	10		Trace.			
4	11		"			
5	12		"			
6	13		"			
7	14		"			
8	15		"			
9	16		"			
10	17		"			
11	18	"	"			
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General Remarks

Jerry Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE May 5th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1219	D. D. CORE.	Trace.			
2	20	"	"			
3	21	"	"			
4	22	"	"			
5	23	"	"			
6	24	"	"			
7	#1226	"	"			
8	27	"	"			
9	28	"	"			
10	#1232	D. D. Sludge.	"			
11	33	"	"			
12	34	"	"			
13	35	"	"			
14	36	"	"			
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General Remarks

Geny Lagoine

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 6th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1368	D. D. CORE.	Trace.			
2	69		0.01	0.35		
3	70		Trace.			
4	71		0.01	0.35		
5	72		Trace.			
6	73		"			
7	74		"			
8	75	"	"			
9	76	"	"			
10	77		"			
11	78		"			
12	79		"			
13	80		"			
14	81		"			
15	82		0.03	1.05		
16	#1388		0.01	0.35		
17	89	"	Trace.			
18	90	"	"			
19	91		"			
20	92		"			
21	93		"			
22	#2970		0.01	0.35		
23	71		Trace.			
24	72		0.11	3.85		
25	73	"	Trace.			
26	#1237	D. D. Sludge.	"			
27	38		"			
28	39		"			
29	40		"			
30	41		"			
31	42		"			
32	43		"			
33	44	"	"			
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General Remarks

Geny Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Gold Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE May 7th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	T-1245	"D. D. Sludge."	Trace.			
2	46	" "	"			
3	47	"	0.02	0.70		
4	#-1394	"D. D. CORE."	Trace.			
5	95	" "	"			
6	96		"			
7	97	"	"			
8	98	"	"			
9	99		"			
10	#-1400		"			
11	01		"			
12	02		"			
13	03	"	"			
14	04	"	"			
15	05		"			
16	06		"			
17	07		0.05	1.75		
18	08		0.04	1.40		
19	09		Trace.			
20	10	"	"			
21		"	"			
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General Remarks

George Benyon

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 10th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1248	D. D. CORE.	0.02	0.70		
2	" 49		Trace.			
3	#1444		"			
4	45		"			
5	46		"			
6	47		"			
7	48		"			
8	49		"			
9	50		"			
10	51		"			
11	52	"	"			
12	53	"	"			
13	54		"			
14	55		"			
15	56		"			
16	57		"			
17	58		"			
18	59		"			
19	60		"			
20	61		"			
21	62		"			
22	63	"	"			
23	64	"	"			
24	65		"			
25	66		"			
26	67		0.01	0.35		
27	68		Trace.			
28	69		"			
29	70		"			
30	#2996		"			
31	97		0.23	4.55		
32	98		0.01	0.35		
33	#3000	"	Trace.			
34		"				
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General Remarks

Geo. Gregorich

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 10th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1432	D. D. CORE.	Trace.			
2	33	"	"			
3	34	"	"			
4	35	"	"			
5	36	"	"			
6	37	"	"			
7	38	"	"			
8	39	"	"			
9	40	"	"			
10	41	"	"			
11	42	"	"			
12	43	"	"			
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General Remarks

Henry Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 11th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1474	D. D. CORE.	Trace.			
2	75	"	"			
3	76	"	"			
4	77	"	0.03	1.05		
5	78	"	Trace.			
6	79	"	"			
7	80	"	"			
8	81	"	"			
9	82	"	"			
10	83	"	"			
11	84	"	"			
12	#2219	"D. D. Sludge."	"			
13	20	"	"			
14	21	"	"			
15	22	"	"			
16	23	"	"			
17	24	"	"			
18	25	"	"			
19	26	"	"			
20	27	"	0.01	0.35		
21	28	"	0.01	0.35		
22	29	"	Trace.			
23	30	"	"			
24	31	"	"			
25	32	"	0.01	0.35		
26	33	"	0.01	0.35		
27	34	"	0.01	0.35		
28	35	"	0.02	0.70		
29	36	"	0.01	0.35		
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General Remarks

Geny Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

ALEX WILSON PUB. LTD., DRYDEN, ONT.

DATE May 13th, 1976.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	SILVER. Ozs.	$
1	#1485	D. D. CORE.	Trace.			
2	86	"	"			
3	87	"	"			
4	88	"	"			
5	89	"	"			
6	90	"	"			
7	91	"	"			
8	92	"	"			
9	93	"	"			
10	94	"	"			
11	95	"	"			
12	96	"	"			
13	97	"	"			
14	98	"	"			
15	99	"	"			
16	#1500	"	"			
17	#2905	"	"		Trace.	
18	06	"	"			
19	07	"	"			
20	08	"	"			
21	09	"	"			
22	10	"	"			
23	11	"	"			
24	12	"	"			
25			"			
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General Remarks

Geary Gregoire

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 13th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#2913	D. D. CORE.	Trace.			
2	14	"	"			
3	15	"	"			
4	#2930	"	"			
5	31	"	"			
6	32	"	"			
7	33	"	"			
8	34	"	"			
9	35	"	"			
10	#2937	"	"			
11	38	"	"			
12	39	"	"			
13	40	"	"			
14	41	"	"			
15	42	"	"			
16	43	"	"			
17	44	"	"			
18	45	"	"			
19	46	"	"			
20	47	"	"			
21		"	"			
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General Remarks

Tony Ferguson

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 14th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT

	Sample Number	REMARKS	GOLD PER TON Ozs.	$	Ozs.	$
1	#1250	D. D. CORE.	0.02	0.70		
2	T-2213		Trace.			
3	14		"			
4	15		"			
5	16		"			
6	17		0.02	0.70		
7	18		Trace.			
8	#2951	"	0.03	1.05		
9	52	"	Trace.			
10	53		"			
11	54		0.01	0.35		
12	55		0.02	0.70		
13	56		0.03	1.05		
14	57		Trace.			
15	58		"			
16	59	"	"			
17	60	"	"			
18	61		"			
19	62		"			
20	63		"			
21	64		"			
22	#2966		"			
23	67		"			
24	68	"	0.03	1.05		
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General Remarks

Geny Seguine

DICKENSON MINES LIMITED

ASSAY REPORT

FOR Abino Mines Ltd.,

DATE May 14th, 1976.

ALEX WILSON PUB. LTD., DRYDEN, ONT.

	Sample Number	REMARKS	GOLD PER TON Ozs.	GOLD PER TON $	SILVER Ozs.	SILVER $
1	#2969	D. D. CORE.	Trace.			
2	#2974		0.30	10.50		
3	75		0.26	9.10	0.08 ozs.	
4	76		0.02	0.70		
5	77		0.02	0.70		
6	78		Trace.			
7	79		"			
8	80	"	"			
9	81	"	"			
10	82		"			
11	83		"			
12	84		"			
13	85		"			
14	86		"			
15	87		0.03	1.05		
16	88	"	Trace.			
17	89	"	"			
18	90		0.02	0.70		
19	91		Trace.			
20	92		"			
21	93		"			
22	94		0.02	0.70		
23	95		Trace.			
24	#2999	"	"			
25		"	"			
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General Remarks

Henry Sturgeon

Form 70-2 P.J.B.

HOLLINGER MINES LIMITED

Geochemical Lab. Report

From Hollinger

Date May 13, 1976

Extraction

Analyst

Fraction used - 100 Mesh
- : 80 Mesh

Sample No.	Hg - ppb	Cu - ppm	Zn - ppm	Ni - ppm	Ag - ppm	Pb - ppm	Au
H2-1-76							
103'		91	103	81	1.1	22	Nil
113'		381	45	45	.9	21	"
135'		178	88	41	.7	18	"
155'		119	72	37	.2	14	"
175'		141	63	34	.4	15	"
195'		148	67	42	.4	17	"
215'		192	68	40	.4	18	"
235'		167	62	85	.8	11	"
255'		38	71	97	.3	15	"
272'		34	54	34	.8	22	"
315'		100	61	126	.1	15	
335'		104	56	125	.6	10	
360'		107	50	110	.9	11	
380'		86	53	122	.8	13	
400'		113	61	74	.7	12	
420'		100	44	112	.6	12	
440'		96	46	120	.5	14	
460'		1270	115	117	.6	47	
480'		261	48	115	.5	9	
500'		298	67	142	1.4	5	
515'		176	60	88	1.7	13	
520'		200	55	86	.5	7	
540'		190	138	130	1.2	27	
565'		218	112	41	.5	15	
590'		150	54	34	.4	4	
615'		151	56	29	.5	10	
640'		315	608	77	.7	572	
665'		148	82	49	.3	23	
690'		150	63	42	.2	14	
715'		174	69	39	.5	8	Nil

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Form 70-2

HOLLINGER MINES LIMITED

Geochemical Lab. Report

From Hollinger Date May 13, 1976

Extraction

Analyst Fraction used - 100 Mesh
- 80 Mesh

Sample No.	Hg - ppb	Cu - ppm	Zn - ppm	Ni - ppm	Ag - ppm	Pb - ppm	Au
H2-1-76							
284-287		117	128	119	.7	21	Nil
287-290		72	123	129	.9	16	"
290-295		93	68	104	.5	18	"
295-300		336	186	125	.7	23	"
330-335		171	54	117	1.0	16	
335-340		103	57	123	1.0	16	
340-345		267	64	130	.8	16	
345-350		102	53	125	.7	14	
350-355		93	64	127	.8	15	
390-395		81	54	115	.8	15	
402-405		92	65	92	.3	14	
500-505		133	50	97	1.0	17	
505-510		113	55	88	1.8	22	
510-515		104	64	91	1.7	20	

Form 70-2

P.J.B.

HOLLINGER MINES LIMITED

Geochemical Lab. Report

From Hollinger Date April 23, 1976

Extraction

Analyst Fraction used - 100 Mesh
- : 80 Mesh

Sample No.	Hg - ppb	Cu - ppm	Zn - ppm	Ni - ppm	Ag - ppm	Pb - ppm	Au
H4-1-76							
102'		300	1310	133	1.1	490	.03
128'		79	131	134	.8	68	Nil
150'		105	356	152	1.5	175	.01
175'		87	192	110	.6	56	Nil
200'		77	190	95	.9	47	"
225'		94	192	103	.9	64	"
250'		151	262	98	1.3	48	"
275'		96	150	114	1.3	56	"
300'		78	159	62	1.6	55	.06
325'		111	83	71	.8	26	.005
345'		174	55	40	.3	6	
375'		171	100	92	1.4	17	
400'		167	85	81	.5	12	
425'		125	93	79	.8	13	Nil
450'		81	201	89	.3	24	"
475'		172	51	82	.8	10	"
500'		148	44	76	.5	6	"
525'		202	83	75	.9	45	"
550'		59	39	52	.7	9	"
580'		127	28	68	.9	8	"
598'							
147-150		69	160	98	1.7	51	.005
230-232		153	140	112	1.5	33	Nil
232-236		106	104	46	.3	31	"
236-240		86	73	70	.4	17	"
240-242		96	179	114	.4	9	"
242-245		46	80	80	.3	6	"
245-250		71	82	71	.9	13	"
290-293		83	89	87	1.5	34	"

Page.....

Form 70-2

HOLLINGER MINES LIMITED

Geochemical Lab. Report

From Hollinger Date April 23, 1976

Extraction

Analyst Fraction used - 100 Mesh
- 80 Mesh

Sample No.	Hg - ppb	Cu - ppm	Zn - ppm	Ni - ppm	Ag - ppm	Pb - ppm	Au
H4-1-76							
293-295		70	116	82	1.6	48	Nil
295-298		67	65	84	1.5	27	"
298-300		58	62	81	1.5	23	"
300-303		81	67	83	1.3	22	"
303-305		66	69	84	1.3	24	"
305-308		73	74	76	1.4	27	"
308-310		57	68	79	1.4	25	"
328-330		88	74	73	1.5	20	"
330-333		29	45	21	.2	9	"
333-335		32	47	14	.2	8	"
335-337.5		176	70	34	.2	15	"
337.5-340							
340-345		100	43	34	.6	16	Nil
345-350		81	72	55	1.3	13	"
350-355		155	175	83	1.3	27	"
355-360		135	82	82	1.7	22	"
360-365		125	87	83	1.6	22	"
365-370		116	110	85	1.4	24	"
370-375		105	106	80	1.7	36	"
390-395		116	77	75	1.6	20	"
395-400		89	84	73	1.8	22	"
438-440		112	75	62	2.3	44	"
470-475		220	65	79	1.4	24	"
475-480		256	62	85	2.3	26	"
480-485		157	87	80	2.0	21	"
485-490		148	79	89	1.6	23	"
490-495		149	42	74	1.5	19	"
512-515		154	33	77	1.4	18	"
515-520		146	54	80	1.9	19	"
520-525		247	135	82	2.0	68	"
573-576		241	60	85	2.3	63	"
585-587		139	1480	93	2.2	12	"

Location of Collar from #4 Post of L-419063 South 565' East 615'

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H2-1-76

P.J.B.

NORTH 8+50S
EAST XL 4+00E
ELEV. Surface
AZIM. 360° az. (True)(Grid North)
DIP Collar:-45°; 200':-44°; 400':-44°; 600':-40.5°

COMMENCED April 23, 1976
FINISHED April 30, 1976
PURPOSE OF HOLE to test interpreted dacite-andesite contact as well as weak electromagnetic conductor.

PROPERTY HISLOP #2 (Guillemette Option)

Claim L-419063 Hislop Township BQ Core

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		SUMMARY LOG						
0	102.5'	CASING - Overburden (96')						
102.5'	221'	DIABASE						
221'	264'	COARSE SPECKLED ANDESITE to 'B' FLOW						
264'	284.7'	ALTERED PORPHYRITIC ANDESITE						
284.7'	289'	AQUAGENE TUFF-BRECCIA						
289'	378'	DACITE						
378'	497.5'	'B' FLOW						
497.5'	500.6'	PORPHYRITIC ANDESITE						
500.6'	519'	INTRUSTIVE or FAULT BRECCIA						
519'	541'	PORPHYRITIC ANDESITE						
541'	731'	DIABASE						
		E.O.H. - 731'						

Location of Collar from #4 Post of L-419063 South 565' East 615'

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H2-1-76

NORTH 8+50S
EAST XL 4+00E
ELEV. Surface
AZIM. 360° az. (True) (Grid North)
DIP Collar:-45°; 200':-44°; 400':-44°; 600':-40.5°

COMMENCED April 23, 1976
FINISHED April 30, 1976
PURPOSE OF HOLE

PROPERTY HISLOP #2 (GUILLEMETTE OPTION)
Claim L-419063 Hislop Township BQ Core

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0'	102.5'	CASING - Overburden (96')						
102.5'	221'	DIABASE - fine-grained to very fine-grained within 25 feet of basal contact (which is sharp and distinct @ about 50° to C.A.); medium- to coarse-grained throughout rest of unit; dark grey to dark grey-green except for sections altered to epidote at top; from top to about 140', the rock appears more felsic (and may be a granophyric phase of the diabase?) - it is characterized by numerous scattered orange and pink fragments(?) (potash feldspar) (up to 1.5 mm), purplish-white 'fragments' (up to 2.0 mm) and black 'fragments' (including hornblende) (up to 1.0 mm) in a fine- to medium-grained grey-green chloritic matrix. Parts of this section resemble 'B' flow - a Hollinger classification for massive basic flow units which may, in part, be sill-like basic intrusives. The epidote-altered zones are light-green and marked by sharp distinct contacts @ 35° to 40° to C.A. These zones are found from the top to 103', 103.9' to 105.6', 106.2' to 107.4',						

FORM S22

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76 2.

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		108' to 108.3', 109.6' to 110.1', 113.1' to						
		113.6', 114.7' to 114.9', and 115.8' to 115.9'.						
		The intervening unaltered sections of the unit						
		are cut by numerous narrow epidote seams @ 40°						
		to C.A.						
		The core is non-carbonatized, and only						
		locally weakly magnetic near the top -						
		increasing to moderately magnetic throughout						
		the remainder of the unit until the last 25						
		feet. There are small scattered blebs of						
		pyrite throughout - some of which are associ-						
		ated with clear quartz. At 104.7', a narrow						
		seam @ 40° to C.A. is coated with slip fibre.						
221'	264'	COARSE 'SPECKLED' ANDESITE to 'B' FLOW						
		- medium- to coarse-grained; grey green;						
		numerous pinkish-purple grains (up to 1.5 mm)						
		and black to dark green grains scattered						
		throughout a green to grey-green matrix; non-						
		carbonatized; non-magnetic; cut by several						
		narrow quartz-sericite-epidote-carbonate seams						
		@ 45° to 50° to C.A. - especially from 244.9'						
		to 255'; lower contact gradational and marked						
		mainly where there is a significant increase in						

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DIAMOND DRILL REPORT

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		fracturing and epidote alteration; smears of chalcopyrite @ 255'						
264'	284.7'	ALTERED PORPHYRITIC ANDESITE - medium- to fine-grained; grey-green; well-fractured and cut by light green epidote seams from top to 275.3'; from 275.3' to base (and sparsely in upper section also) are large glomerophenocrysts of white-cream to yellow-green feldspar (up to 25 mm across) - they are particularly numerous from 275.3' to 282' - many are similar to types of 'goose-eggs' found in 'Matachewan' diabases, but matrix remains different enough to render classification difficult; non-carbonatized; non-magnetic; distinctly finer-grained and less porphyritic toward basal contact - which is sharp and distinct @ 30° to C.A.						
284.7'	289'	AQUAGENE TUFF-BRECCIA - heterogeneous; closely-packed subrounded to subangular fine-grained light grey-green dacitic fragments (up to 18 mm across), subrounded elongate medium green fine-grained speckled andesite fragments (up to 18 mm long), and subangular to angular fine-						

FORM S22

DIAMOND DRILL REPORT

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PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		grained blue-black soft ultrabasic(?) fragments							
		(up to 20 mm long and 5 mm wide); interstitial							
		to these fragments are numerous angular con-							
		centrically-banded fragments that are similar							
		in appearance to the delicately preserved							
		aquagene tuffs mapped about 25 tp 30 miles to							
		the east. These angular fragments commonly							
		consist of blue-black cores and alternate light-							
		green and creamy bands outward to the rim.							
		The core is non-magnetic and non-carbonatized							
		there are a few scattered small blebs of pyrite							
		throughout, and traces of chalcopyrite near the							
		top. The basal contact is irregular over the							
		last 0.5 feet.							
			284'	287'		3'	117	119	2%-3% strgrs; 2%-3% cp,py
289'	378'	DACITE -	287'	290'		3'	72	129	" " 2%-3% py,tr,cp
		- fine-grained; grey-green to yellowish grey-	290'	295'		5'	93	104	3%-5% " " " " "
		green; top 5 feet appear more mafic and seem	295'	300'		5'	336	125	5%-10% " " " " "
		closer to andesite classification; however,							
		overall unit relatively siliceous; from 292'							
		to base , the unit is cut by numerous narrow							
		light green epidote-quartz-carbonate-sericite							
		seams @ 45° to C.A.; there are numerous criss-							
		crossing fractures throughout - many are tight,							

FORM S22

DIAMOND DRILL REPORT

NORTH
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PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		hairline and have offset or truncated strgrs							
		- many are white and yellow-green, filled with							
		quartz-carbonate-epidote - the quartz-							
		carbonate stringers and minor breccia with							
		epidote are usually @ 50° to 70° to C.A. -							
		one set of narrow epidote stringers is younger							
		and cuts the core @ 65° to C.A.; there are							
		scattered blebs of pyrite throughout - but							
		these are particularly abundant with a few							
		traces of chalcopyrite in sections of quartz-							
		carbonate-epidote.							
		From 321' to 337', the dacite is altered to	330'	335'		5'	171	117	2%-3% strgrs; 2%-3% py, tr.cp
		light green and is moderately to strongly	335'	340'		5'	103	123	5%-7% " 3%-5% " "
		carbonatized. The rest of the unit is non-	340'	345'		5'	267	130	3%-5% " " " " "
		carbonatized except for stringers. There is	345'	350'		5'	102	125	" " " " "
		light grey dacite @ 40° to C.A. from 299.7'	350'	355'		5'	93	127	5%-7% " " " "
		to 300'.							
		From 342' to 344' and 349.5' to 351.5',							
		the rock is fine-grained, dark grey and							
		chloritic, with scattered black chlorite							
		'spots' (up to 1 mm diameter). The 'spots'							
		are also sparsely scattered from 344' to							
		349.5' and from 351.5' to 355'.							
		The basal contact is rather subjective.							

FORM S22

DIAMOND DRILL REPORT

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PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		In fact the core is gradational from this unit							
		to the next from 375' to 390'. It is non-							
		magnetic.							
		The principal sections of quartz-carbonate-							
		epidote stringers are @ 316.5', 317.3', 321',							
		327', 333.5', 336', 338', 343.5', 345.5',							
		351.7' to 353.7', and 370'.							
378'	497.5'	'B' FLOW - medium- to coarse-grained; non-magnetic;							
		grey-green; very similar to parts of the unit							
		at the top of the hole, but not classified as							
		diabase because of gradational contact and	390'	395'		5'	81	115	5%-7% strgrs; 3%-5% py, tr.cp
		lack of magnetism; white feldspar grains (up to							
		1.5 mm) are scattered throughout but are							
		prominent as 'speckles' from 393' to 405';	402'	405'		3'	92	92	5%-7% strgrs; 3%-5% py, tr.cp
		fracture planes below 400' are coated with							
		blue-black lustrous chlorite(?); there are a							
		few narrow white and yellow-green quartz-							
		carbonate-epidote stringers (with fair pyrite							
		and traces of chalcopyrite(at 40° to 55° to							
		C.A. throughout - but especially @ 380.3',							
		389', 390.2' to 392.8', 400', 403', 403.5' to							
		405.3', 407', 429.5', 446', 452', 466.5' and							
		495.5'; from 375' to 392' there are a few							

FORM 522

DIAMOND DRILL REPORT

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PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	ASSAY Ni ppm	DESCRIPTION OF SAMPLE
		scattered large 'glomerophenocrysts' (up to 12 mm across) of white feldspar with an epidote border; from 465' to base, there are more narrow epidote-quartz-filled fractures, and black chlorite-filled fractures @ 15° to 20° to C.A.							
497.5'	500.6'	PORPHYRITIC ANDESITE - fine-grained; grey-green; numerous scattered yellowish-green to cream feldspar phenocrysts (or glomerophenocrysts) (from 3 mm to 12 mm); non-carbonatized; non-magnetic; basal contact sharp and distinct @ 50° to C.A.; upper contact marked by quartz-epidote-carbonate stringer @ 60° to C.A.; only traces of pyrite.							
500.6'	519'	INTRUSIVE BRECCIA - strong heterogeneous breccia consisting mainly of angular grey-green andesite fragments (from 2 mm to 25 mm across), but also angular greenish-tan dacite(?) or bleached andesite fragments (up to 20 mm), yellow-white feldspar fragments (up to 6 mm); and dark grey to rddish-grey altered andesite fragments (up to 25 mm) set in a white-grey to	500'	505'		5'	133	97	3%-5% strgrs; 1%-3% py
			505'	510'		5'	113	88	2%-3% " " "
			510'	515'		5'	104	91	" " " "

FORM S22

NORTH
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DIAMOND DRILL REPORT

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		dark grey mosaic quartz-carbonate cement;						
		moderately packed; some of the dark grey						
		fragments are 'banded' (i.e. half the fragment						
		is dark grey in sharp contact with greenish-tan						
		material in the other half); the cement is						
		strongly carbonatized; locally very slightly						
		magnetic; only traces of pyrite; basal contact						
		gradual over last foot.						
519'	541'	PORPHYRITIC ANDESITE - similar to unit from 497.5'						
		to 500.6', only phenocrysts are consistently						
		larger (up to 18 mm) and usually mottled						
		yellow, grey and pink. Some phenocrysts have						
		euhedral outlines (one is even crudely						
		hexagonal) whereas they all appear to have a						
		mosaic mineral make-up - implying replacement;						
		matrix is very dark grey and fine-grained;						
		cut by narrow white-grey quartz-carbonate						
		stringers; non-carbonatized; locally weakly						
		magnetic; blocky and broken ground from 532.5'						
		to 533', and 537' to 541"; from 538.3' to						
		539.2' is a bleached section of numerous tiny						
		white carbonate stringers @ 40° to C.A.						

FORM S22

DIAMOND DRILL REPORT

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PROPERTY HISLOP : #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
541'	731'	DIABASE - medium- to coarse-grained and medium-grey, except for upper 15 feet which is fine-grained and dark grey; weakly to moderately magnetic throughout; upper contact sharp but broken; from 560', the unit is relatively coarse-grained, locally similar to 'B' flow, and parts (especially near top) are rather unique - being characterized by numerous small scattered pink feldspar grains - representing the felsic to granophyric phase of the diabase; another unique feature of this unit is the white quartz-carbonate veining @ 30° to C.A. @ 565.3', 566', 568', 584.5', 625.5', and 640.3'; core somewhat broken from 568' to 569', 618' to 619.5', 640' to 641', and @ 688'.						
		E.O.H. - 731'						

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DIAMOND DRILL REPORT

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76 10.

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu	DESCRIPTION OF SAMPLE Zn	Ni	Ag	Pb	Au
		Au and Geochem										
@	103'						91	103	81	1.1	22	Nil
@	113'						381	45	45	.9	21	"
@	135'						178	88	41	.7	18	"
@	155'						119	72	37	.2	14	"
@	175'						141	63	34	.4	15	"
@	195'						148	67	42	.4	17	"
@	215'						192	68	40	.4	18	"
@	235'						167	62	85	.8	11	"
@	255'						38	71	97	.3	15	"
@	272'						34	54	34	.8	22	"
@	315'						100	61	126	.1	15	
@	335'						104	56	125	.6	10	
@	360'						107	50	110	.9	11	
@	380'						86	53	122	.8	13	
@	400'						113	61	74	.7	12	
@	420'						100	44	112	.6	12	
@	440'						96	46	120	.5	14	
@	460'						1270	115	117	.6	47	
@	480'						261	48	115	.5	9	
@	500'						298	67	142	1.4	5	
@	515'						176	60	88	1.7	13	
@	520'						200	55	86	.5	7	

FORM S22

DIAMOND DRILL REPORT

NORTH
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ELEV.
AZIM.
DIP

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu	DESCRIPTION OF SAMPLE Zn	Ni	Ag	Pb	Au
		Au and Geochem (cont'd)										
@	540'						190	138	130	1.2	27	
@	565'						218	112	41	.5	15	
@	590'						150	54	34	.4	4	
@	615'						151	56	29	.5	10	
@	640'						315	608	77	.7	572	
@	665'						148	82	49	.3	23	
@	690'						150	63	42	.2	14	
@	715'						174	69	39	.5	8	Nil

FORM S22

NORTH
EAST
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AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY HISLOP #2 (Guillemette Option)

HOLE NO. H2-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		Thin Section (Peter Price)						
@	115'							
@	135'							
@	155'							
@	175'							
@	195'							
@	215'							
@	235'							
@	255'							
@	272'							
@	295'							
@	315'							
@	335'							
@	343'							
@	360'							
@	380'							
@	400'							
@	420'							
@	440'							
@	460'							
@	480'							
@	500'							
@	515'							

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H2-1-76 13.

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #2 (Guillemette Option)

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	CORE SAMPLES TO	CORE SAMPLES RECOV.	CORE SAMPLES WIDTH	CORE SAMPLES ASSAY	DESCRIPTION OF SAMPLE
		Thin Section (Peter Price) (cont'd)						
@	520'							
@	540'							
@	565'							
@	590'							
@	615'							
@	640'							
@	665'							
@	690'							
@	715'							

Location of Collar from S.E. Corner of E½ of S½ Lot 5 Conc.1, Hislop Twp. P.J.B.

FORM S22

DIAMOND DRILL REPORT

NORTH 11+90S — North 100'
EAST XL 0+00 — West 30'
ELEV. Surface
AZIM. 360° az. (True)Grid North)
DIP Collar:-45°; 200':-45°; 400':-42°; 599':-40.5°

PROPERTY HISLOP #4 (BENOIT OPTION)
Hislop Township BQ Core

HOLE NO. H4-1-76
COMMENCED April 7, 1976
FINISHED April 14, 1976
PURPOSE OF HOLE to test weak E.M. conductor along strike from Pb-Zn-Ag sulphide showing.

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		SUMMARY LOG						
0'	102'	OVERBURDEN - Casing						
102'	232.5'	'B' FLOW to ANDESITE TUFF						
232.5'	240'	BRECCIATED PYRITIC, GRAPHITIC TUFF						
240'	291'	DACITE to RHYODACITE PORPHYRY						
		- lost core from 244.6' to 246.5' and						
		259' to 263'						
291'	329.8'	DACITE						
329.8'	356.8'	DACITE to RHYODACITE PORPHYRY						
		- lost core from 337.5' to 340' and						
		340.5' to 343'						
356.8'	418'	DACITE - fine-grained quartz 'eyes'						
418'	445.5'	'B' FLOW to ANDESITE TUFF						
445.5'	599'	DACITE - possibly pillowed						
		E.O.H. - 599'						

Location of Collar from S.E.Corner of E½ of S½ Lot 5 Conc.1, Hislop Twp.

FORM 322

DIAMOND DRILL REPORT

HOLE NO. H4-1-76 1.

NORTH 11+90S
EAST XL 0+00
ELEV. Surface
AZIM. 360° az. (True) (Grid North)
DIP Collar:-45°; 200':-45°; 400':-42°; 599':-40.5°

North 100'
West 30'

PROPERTY HISLOP #4 (BENOIT OPTION)

Hislop Township BQ Core

COMMENCED April 7, 1976
FINISHED April 14, 1976
PURPOSE OF HOLE to test weak E.M. conductor along strike from Pb-Zn-Ag sulphide showing.

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	ASSAY Ni ppm	DESCRIPTION OF SAMPLE
0'	102'	OVERBURDEN - Casing.							
102'	232.5'	'B' FLOW to ANDESITE TUFF - medium- to coarse-grained; grey-green with numerous 'coarse' brownish-green to greenish-buff 'fragments' (up to 6 mm) closely spaced throughout - these are cored or completely composed of dark brown to black biotite (especially below 170'); the matrix is mottled with mixed black mafic grains, light and medium green chloritized grains, and pale greenish-cream grains of feldspar (a few larger grains up to 3 mm) - tiny pink-white grains (up to 0.75 mm) are numerous throughout; the unit is cut by narrow breccia seams (@ 40° to C.A.) that feature considerable pyrite in blebs and numerous angular fragments (up to 4 mm along long axis) - many of these seams are cemented by light yellowish-green epidote and/or white-pink carbonate - the principal seams are @ 102.9', 110.7', 119.5', 122' (with considerable red hematite smeared along seam), 132.5', 138.2', 144.3', 146.5' (with considerable epidote and some hematite), 148.1' to 149.7'	102'	105'		3'	85	135	
			105'	110'		5'	98	131	
			147'	150'		3'	69	98	50%-60% strgrs; 3%-5% py

FORM S22

DIAMOND DRILL REPORT

NORTH
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ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76 2.

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		(wide pink feldspar seam with strong marginal breccia, considerable pyrite near both borders, and some white quartz-rich granophyre(?) near base - upper 0.5' are brecciated and the fragments are pyritic), 161.7', 167.5', 169.2', 171.9', 174.8', 180.5', 189' to 189.3' (as 148.1' to 149.7') 193.7' to 195.3' (mainly tight breccia) and 201'; from 160' to 190' there are several irregular white-green quartz-carbonate-epidote-hematite-filled fractures - generally @ 20° to 35° to C.A. - from 190' to base, the number of stringers increases significantly and indicate a fracture density that varies from 7 to 25 per foot; from 147.5' to 151.5' (excluding breccia zone), from 188' to 190', and from 193' to 198.5' the core is markedly speckled (numerous tiny white specks from 0.5 to 0.75 mm); from 210' to base, the grain size decreases and the unit appears slightly bleached; non-magnetic; non-carbonatized from top to 187' - and moderately carbonatized from 187' to base.						

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H4-1-76 3.

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
232.5'	240'	BRECCIATED PYRITIC, GRAPHITIC TUFF - strongly brecciated throughout; cut by white to orange-white quartz 'vein' from 233.1' to 237.3', and 239.4' to base - a crude foliation within the breccia is @ 35° to C.A., and the quartz 'vein' contacts are @ 50° to C.A.; some of the breccia fragments are pyritic silica - suggesting an exhalite 'horizon'; the quartz 'veins' appear distinct, however; there is considerable broken core and parts of the core are very vuggy.	230'	232'		2'	153	112	2%-3% strgrs; 1%-2% py
			232'	236'		4'	106	46	20%-30% strgrs; 5%-7% py
			236'	240'		4'	86	70	30%-40% strgrs; 7%-10% py
			240'	242'		2'	96	114	3%-5% strgrs; 3%-5% py
			242'	245'		3'	46	80	2%-3% strgrs; 2%-3% py
			245'	250'		5'	71	71	3%-5% strgrs; 2%-3% py
240'	291'	DACITE to RHYODACITE PORPHYRY - fine-grained; light yellowish buff to medium grey; numerous white quartz 'eyes', and some dark grey quartz(?) 'eyes' and a few cream feldspar-carbonate 'eyes' throughout - all the 'eyes' are subrounded to rounded and vary from 1.5 mm to 6 mm in diameter - a few (especially near the top) are stretched and composed of white quartz cores, dark glassy quartz margins, and medium grey alteration rims - these latter 'eyes' have an amygdaloidal look so that the porphyry label for the unit is not absolutely							

FORM S22

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		certain - foliations are generally @ 40° to C.A.;						
		pyrite is scattered throughout as small blebs						
		and smears; the unit is vuggy and blocky, with						
		lost core from 244.6' to 246.5' and 259' to						
		263'; from 255' there are scattered black						
		angular fragments (up to 15 mm long) cut by						
		numerous parallel narrow white quartz-carbonate						
		seams; from 270.6' to 272.2' is a section of						
		strong relatively tight breccia @ 55° to C.A.						
		- it is composed of two separate phases(?)(top						
		to 271.2' and 271.2' to base) in each of which						
		the centres consist of coarse angular fragments						
		(up to 12 mm) and the size of fragments is						
		progressively finer toward margins (the lower						
		margin of the upper section features what looks						
		like delicate aquagene tuff fragments - the						
		upper section has a dark grey, partly graphitic						
		cement - the cement of lower section is						
		yellowish-buff and possibly sericitic; from						
		275', irregular fractures are marked by						
		marginal buff-grey zones, and the intervening						
		rock is yellowish-buff - the result being a						
		mottled appearance; there are very few quartz						
		'eyes' below 280'; non-magnetic; moderately to						

FORM 11

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		strongly carbonatized; lower contact gradational							
		and marked mainly on basis of colour change.							
291'	329.8'	DACITE - fine-grained; medium-green and cut by	290'	293'		3'	83	87	5%-7% strgrs; 1%-2% py
		numerous narrow white quartz-carbonate stringers	293'	295'		2'	70	82	" " " "
		from top to 317', and light grey-green with	295'	298'		3'	67	84	" " " "
		very few stringers from 317' to base; tiny	298'	300'		2'	58	81	" " " "
		black quartz(?) 'eyes' are scattered throughout	300'	303'		3'	81	83	" " " "
		- particularly in green section; section from	303'	305'		2'	66	84	" " " "
		317' to 320.3' appears weakly brecciated and	305'	308'		3'	73	76	" " " "
		bleached; the whole unit is moderately to	308'	310'		2'	57	79	" " " "
		strongly carbonatized; non-magnetic; only							
		traces of pyrite; lower contact sharp and							
		distinct @ 20° to C.A.; epidote breccia seam							
		similar to top of hole @ 315.5' (@ 70° to C.A.),							
		317.3' (@ 15° to C.A.) and @ 320.2'.							
			328'	330'		2'	88	73	3%-5% strgrs; 1%-2% py
329.8'	356.8'	DACITE to RHYODACITE - fine-grained; pale buff-	330'	333'		3'	29	21	" " 2%-3% "
		grey to greenish-cream; local crude banding @	333'	335'		2'	32	14	" " " "
		50° to C.A.; well-fractured with numerous	335'	337.5'		2.5'	176	34	5%-7% " 3%-5% "
		narrow seams @ 40° and 10° to C.A. (the 40°	337.5'	340'		L.C.			
		set is younger and oriented in the opposite	340'	345'		2.5' of 5'	100	34	40%-60% strgrs; 3%-5% py
		sense to the 10° set) - many of the fractures	345'	350'		5'	81	55	20%-30% " 2%-3% "
		are vuggy and leached and/or rusty - from 335',	350'	355'		5'	155	83	3%-5% " 1%-2% "

FORM S22

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	ASSAY Ni ppm	DESCRIPTION OF SAMPLE
		the core is very blocky and there is considerable							
		red hematite along fracture surfaces; lost core							
		from 337.5' to 340' and 340.5' to 343'; non-	355'	360'		5'	135	82	3%-5% strgrs; 2%-3% py
		magnetic; non-carbonatized; broken core through-	360'	365'		5'	125	83	2%-3% " 3%-5% "
		out; white vuggy quartz veining from 340' to	365'	370'		5'	116	85	3%-5% " " "
		345' and 348' to 350'; narrow strong breccia	370'	375'		5'	105	80	" " " "
		zone @ 30° to C.A. @ 352.5'.							
356.8'	418'	DACITE - fine-grained; medium grey-green except	390'	395'		5'	116	75	5%-7% strgrs; 2%-3% py
		over upper sixteen feet which are bleached to a	395'	400'		5'	89	73	" " " "
		buff-grey-green; parts of the unit, particularly							
		upper half, are amygdaloidal(?) with numerous							
		dark grey and white quartz rounded amygdules(?)							
		or 'eyes' (phenocrysts?)(up to 1.5 mm)(where							
		these are leached out, the resulting vugs add							
		to an amygdaloidal appearance rather than a							
		porphyritic one); below 380', the unit is cut							
		by numerous narrow white quartz-carbonate strgrs							
		@ 20° and 45° to C.A. - a few of these strgrs							
		are streaked with red hematite, and a number							
		contain light pink to white feldspar; several							
		zones of stringer-breccia with fine-grained							
		black material cut the core @ 35°-40° to C.A.							
		(@ 368.5', 374', 383.8', and 388.6'); a white							

FORM S22

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76 7.

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		quartz-carbonate breccia vein cuts the unit @							
		5° to 10° to C.A. from 397.5' to 399.5'; from							
		410' to base, the unit is speckled and except							
		for dacite composition, approaches the under-							
		lying unit in appearance; basal contact is sharp							
		and distinct @ 40° to C.A.; non-magnetic; non-							
		carbonatized except for stringers, and							
		moderately carbonatized section from top to							
		367'; traces of pyrite throughout.							
418'	445.5'	'B' FLOW to ANDESITE TUFF - medium- to coarse-	438'	440'		2'	112	62	30%-40% strgrs; 2%-3% py
		grained; medium to dark grey-green; very							
		similar to unit @ top of hole; speckled with							
		numerous tiny white flecks (up to 0.3 mm)							
		throughout; cut by narrow irregular white							
		carbonate gash stringers; non-magnetic;							
		scattered small blebs of pyrite; basal contact							
		sharp but broken.							
445.5'	599'	DACITE - fine-grained; pale grey-green; periodic							
		fracture zones with curving bleached borders	470'	475'		5'	220	79	3%-5% strgrs; 5%-7% py
		and narrow pyritic breccia zones suggest pillow	475'	480'		5'	256	85	" " " "
		selvages - in which case the entire unit is	480'	485'		5'	157	80	5%-7% " " "
		pillowed (one might expect amygdaloidal borders,	485'	490'		5'	148	89	" " " "

FORM S22

DIAMOND DRILL REPORT

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY Cu ppm	Ni ppm	DESCRIPTION OF SAMPLE
		but these are absent); strong breccia from top							
		to 447.5' (@ 20° to C.A.), 449.5' to 449.8'							
		(@ 45° to C.A.), 451.7' to 452' (@ 65° to C.A.),	490'	495'		5'	149	74	5%-7% strgrs; 5%-7% py
		@ 464.3' (@ 35° to C.A., with some pink feld-							
		spar), @ 468.2' (@ 30° to C.A. - offset by							
		hairline fractures @ 85° to C.A. with fracture							
		density of 20 per foot), 472.3' to 472.6' (@							
		50° to C.A.), 474.4' to 474.5' (@ 55° to C.A.),							
		477.4' to 477.9' (@ approx. 60° to C.A.), 479.8'	512'	515'		3'	154	77	5%-7% strgrs; 5%-7% py
		to 480' (@ 35° to C.A.), 483.8' to 484.3' (@	515'	520'		5'	146	80	" " 3%-5% "
		15° to C.A.), 486.0' to 486.9' (@ 15° to C.A.),	520'	525'		5'	247	82	7%-10% " " " "
		490.4' to 490.9' (@ 35° to C.A., with consider-							
		able white-grey carbonate and quartz), 501.5'							
		to 502' (@ 40° to C.A., with considerable white-							
		grey carbonate and quartz), @ 503.5' (@ 60° to							
		C.A.), @ 513' (@ 25° to C.A. - truncated by							
		hairline quartz-carbonate-filled fractures @							
		75° - 80° to C.A.), 519.6' to 520.3' (@ 25° to	573'	576'		3'	241	85	3%-5% strgrs; 7%-10% py
		C.A.), 522.3' to 522.7' (@ 45° to C.A., with							
		considerable white-grey quartz-carbonate, and							
		some pink-red feldspar fragments), 523.5' to							
		523.8' (@ 60° to C.A., considerable pink-red	585'	587'		2'	139	93	5%-7% strgrs; 5%-7% py
		feldspar as well as dacite fragments in a							
		white-grey carbonate-quartz cement), 529.7' to							

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H4-1-76

NORTH
EAST
ELEV.
AZIM.
DIP

PROPERTY HISLOP #4 (Benoit Option)

COMMENCED
FINISHED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		530.1' (with vuggy white quartz-carbonate vein, @ 65° to C.A.), 534.7' to 535' (@ 40° to C.A.), 549.1' to 549.3' (@ 50° to C.A.), @ 552.6' (@ 40° to C.A.), 557.2' (@ 20° to C.A., with considerable pink feldspar and white-grey quartz-carbonate), 559' to 559.5' (@ 40° to C.A.), 563.3' to 563.8' (@ 35° to C.A.), @ 565.5' (@ 45° to C.A.), @ 570' (@ 30° to C.A., with considerable white quartz-carbonate), 573.8' to 574.1' (@ 75° to C.A.), 574.7' to 575.4' (@ 45° to C.A.), @ 579.5' (@ 45° to C.A.), 585.6' to 586.1' (@ 35° to C.A.), @ 592.2' (quartz vein @ 40° to C.A.); considerable pyrite as blebs and streaks throughout unit, especially in breccia sections; weakly carbonatized @ base. - from 507.6' to 508.5' is a section of medium-grained chloritic dacite tuff(?) with a few scattered red hematite grains; sharp upper and lower contacts @ 40° to C.A.						
		E.O.H. - 599'						

REGISTERED PROFESSIONAL ENGINEER
P. J. BATEMAN
PROVINCE OF ONTARIO

GEOLOGICAL ASSOCIATION OF CANADA
PAUL J. BATEMAN
FELLOW

FORM S22

NORTH
EAST
ELEV.
AZIM.
DIP

DIAMOND DRILL REPORT

PROPERTY HISLOP #4 (BENOIT OPTION)

HOLE NO. H4-1-76

COMMENCED
FINISHED
PURPOSE OF
HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE					
			FROM	TO	RECOV.	WIDTH	ASSAY						
		Au and Geochem					Cu	Zn	Ni	Ag	Pb	Au	
@ 102'							300	1310	133	1.1	490	.03	
@ 128'							79	131	134	.8	68	Nil	
@ 150'							105	356	152	1.5	175	.01	
@ 175'							87	192	110	.6	56	Nil	
@ 200'							77	190	95	.9	47	"	
@ 225'							94	192	103	.9	64	"	
@ 250'							151	262	98	1.3	48	"	
@ 275'							96	150	114	1.3	56	"	
@ 300'							78	159	62	1.6	55	.06	
@ 325'							111	83	71	.8	26	.005	
@ 345'							174	55	40	.3	6		
@ 375'							171	100	92	1.4	17		
@ 400'							167	85	81	.5	12		
@ 425'							125	93	79	.8	13	Nil	
@ 450'							81	201	89	.3	24	"	
@ 475'							172	51	82	.8	10	"	
@ 500'							148	44	76	.5	6	"	
@ 525'							202	83	75	.9	45	"	
@ 550'							59	39	52	.7	9	"	
@ 580'							127	28	68	.9	8	"	
@ 598'													

FORM S22

DIAMOND DRILL REPORT

HOLE NO. H4-1-76

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

PROPERTY HISLOP #4 (BENOIT OPTION)

COMMENCED _____
FINISHED _____
PURPOSE OF HOLE _____

FROM	TO	DESCRIPTION	CORE SAMPLES					DESCRIPTION OF SAMPLE
			FROM	TO	RECOV.	WIDTH	ASSAY	
		Thin Section						
@ 102'								
@ 125'								
@ 150'								
@ 175'								
@ 200'								
@ 225'								
@ 250'								
@ 275'								
@ 300'								
@ 325'								
@ 347'								
@ 375'								
@ 400'								
@ 425'								
@ 450'								
@ 475'								
@ 500'								
@ 525'								
@ 550'								
@ 580'								
@ 598'								

LOT 5 | LOT 4 | LOT 4 | LOT 3

GEOLOGICAL ASSOCIATION OF CANADA — PAUL J. BATEMAN — FELLOW

REGISTERED PROFESSIONAL ENGINEER — P. J. BATEMAN — PROVINCE OF ONTARIO

CON. II
CON. I

XL 0+00 | XL 4+00 E | XL 8+00 E | XL 12+00 E | XL 16+00E | XL 20+00E | XL 24+00E

HWY. 572

D.H.O. Bench Mark 25

to Haltyre

419064 | 419061 | 419063 | 419062 | 419065

0+00 BASE LINE

0+00 Base Line

12 W | 8 W | 4 W | 00

O.N.R.

Gravel Pit

BLACK RIVER

Power Line

Power Line

to Ramore

POPLAR, BALSAM, ALDERS
SOME BIRCH

THICK ALDERS

POPLAR & ALDERS

OPEN FIELDS

OPEN POPLAR

POPLAR, SPRUCE, ALDERS

POPLAR, ALDERS, BALSAM, SPRUCE

POPLAR, SHRUBS

OPEN GRASS

POPLAR, ALDERS

POPLAR SAPLINGS

POPLAR, SOME SPRUCE

POPLAR, SOME BALSAM, SPRUCE

SPRUCE, POPLAR ALDERS

GRASSY CLEARINGS

POPLAR, ALDERS

POPLAR, ALDERS & RASPBERRY BUSHES

POPLAR SAPLINGS, ALDERS

GRASSY CLEARING & SHRUBS

POPLAR, ALDERS

POPLAR, BALSAM

SPRUCE, POPLAR

ALDERS, POPLAR

OPEN POPLAR, SPRUCE

POPLAR , ALDERS, SPRUCE

ALDERS

SAPLINGS

H2-1-76
ov 72

H4-1-76
ov 73

AST.

LEGEND

- A — 2. ANDESITE
- GRT — GRAPHITIC TUFF
- D — 1. RHYOLITE & RHYODACITE
- C — 1. DACITE
- B — MASSIVE BASIC FLOW ROCKS WHICH MAY, IN PART, BE SILL-LIKE BASIC INTRUSIVES.
- O — QUARTZ DIABASE ; DIABASE
- claim post
- bush road
- bush trail
- clearing ; open field
- outcrop
- boulder
- geological contact
- geological contact (interpreted)
- foliation (vertical dip)
- pillows (tops to south)
- power line

bldr. - BOULDER ; bx - BRECCIA
ℰ - with
flt. - FAULT ; Δ - FRAGMENTAL
Intr. - INTRUSIVE
L.C. - LOST CORE
mg. - MEDIUM GRAINED
p - PILLOWED, por - PORPH
t - TUFF

HOLLINGER MINES LTD.

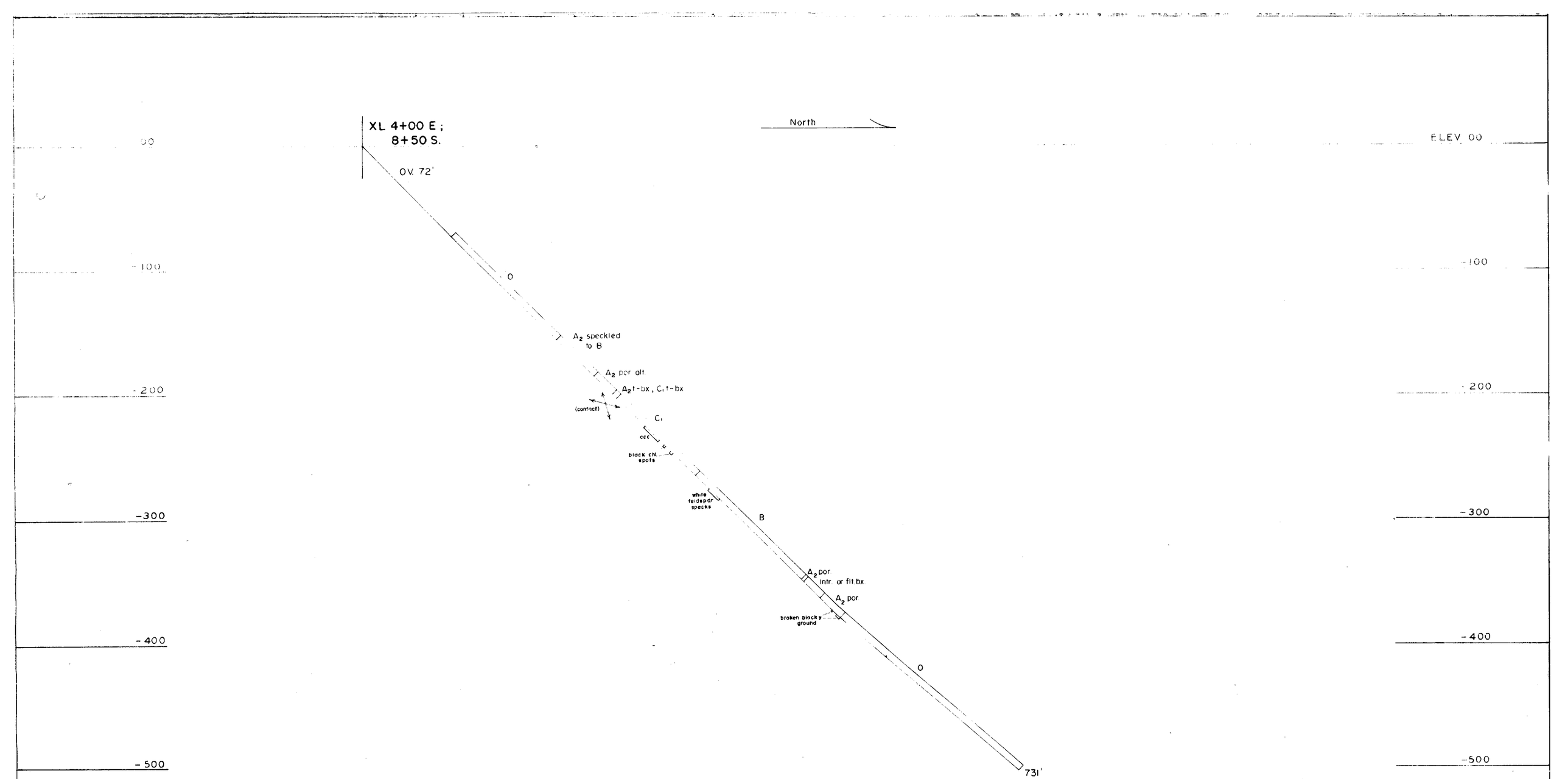
HISLOP No. 2 (Guillemette Opt)

GEOLOGY

HISLOP TWP. ONT.

SCALE : 1" = 400'

200



HOLLINGER MINES LIMITED

DIAMOND DRILL SECTION

PROPERTY: HISLOP No.2 (Guillmette Opt.)

TOWNSHIP: HISLOP

HOLE No. H2-1-76

LOCATION: XL 4+00E.; 8+50S.

SCALE: 1 IN. TO 50 FT.

00

XL 0+00 ; 11+90 S.

ELEV. 00

OV. 73'

Cu. ppm.	Zn. ppm.	Ni. ppm.	Ag. ppm.	Pb. ppm.	Au. oz./ton.
69	160	98	1·7	51	·005
153	140	112	1·5	33	Nil
106	104	46	·3	31	Nil
86	73	70	·4	17	Nil
96	179	114	·4	9	Nil
46	80	80	·3	6	Nil
71	82	71	·9	13	Nil
83	89	87	1·5	34	Nil
70	116	82	1·6	48	Nil
67	65	84	1·5	27	Nil
58	62	81	1·5	23	Nil
81	67	83	1·3	22	Nil
66	69	84	1·3	24	Nil
73	74	76	1·4	27	Nil
57	68	79	1·4	25	Nil
88	74	73	1·5	20	Nil
29	45	21	·2	9	Nil
32	47	14	·2	8	Nil
176	70	34	·2	15	Nil
100	43	34	·6	16	Nil
81	72	55	1·3	13	Nil
155	175	83	1·3	27	Nil
135	82	82	1·7	22	Nil
125	87	83	1·6	22	Nil
116	110	85	1·4	24	Nil
105	106	80	1·7	36	Nil
116	77	75	1·6	20	Nil
89	84	73	1·8	22	Nil
112	75	62	2·3	44	Nil
220	65	79	1·4	24	Nil
256	62	85	2·3	26	Nil
157	87	80	2·0	21	Nil
148	79	89	1·6	23	Nil
149	42	74	1·5	19	Nil
154	33	77	1·4	18	Nil
146	54	80	1·9	19	Nil
247	135	82	2·0	68	Nil
241	60	85	2·3	63	Nil

Cu. ppm.	Zn. ppm.	Ni. ppm.	Ag. ppm.	Pb. ppm.	Au. oz./ton
300	1310	133	1·1	490	·03
79	131	134	·8	68	Nil
105	356	152	1·5	175	·01
87	192	110	·6	56	Nil
77	190	95	·9	47	Nil
94	192	103	·9	64	Nil
151	262	98	1·3	48	Nil
96	150	114	1·3	56	Nil
78	159	62	1·6	55	·06
111	83	71	·8	26	·005
174	55	40	·3	6	
171	100	92	1·4	17	
167	85	81	·5	12	
125	93	79	·8	13	Nil
81	201	89	·3	24	Nil
172	51	82	·8	10	Nil
148	44	76	·5	6	Nil
202	83	75	·9	45	Nil
59	39	52	·7	9	Nil
127	28	68	·9	8	Nil

599'

-100 -200 -300 -400 -500 -600 -700 -800

HOLLINGER MINES LIMITED

DIAMOND DRILL SECTION

PROPERTY : HISLOP No.4 (Benoit Opt.)

TOWNSHIP : HISLOP

HOLE No. H4-1-76

LOCATION : XL 0+00; 11+90 S.

SCALE : 1 IN. TO 50 FT.

LOT 5 | LOT 4 | LOT 4 | LOT 3

CON. II
CON. I

XL 0+00 | XL 4+00 E | XL 8+00 E | XL 12+00 E | XL 16+00E | XL 20+00E | XL 24+00E

HWY. 572

D.N.O. Bench Mark 25

to Haltyre

POPLAR, SOME SPRUCE

OPEN FIELDS

OPEN POPLAR

419064

419061

0+00 BASE LINE

ALDERS

OPEN POPLAR

POPLAR, ALDERS, SPRUCE

PROPOSED
H2-1-76
@ -45°
TD. 700'

3'-6' Falls

large bldr. A2

large bldr. A2 broken beaver dam

Rapids

SPRUCE, POPLAR

OPEN POPLAR, SPRUCE

Cit, A2 Bridge

4'-5' Falls

POPLAR, ALDERS, BALSAM, SPRUCE

POPLAR, ALDERS

POPLAR SAPLINGS

POPLAR, ALDERS

POPLAR SAPLINGS

ALDERS

POPLAR, SHRUBS

OPEN GRASS

OPEN POPLAR

POPLAR, SPRUCE, ALDERS

OPEN GRASS

ALDERS

419063

419062

POPLAR, BALSAM, ALDERS

SOME BIRCH

ALDERS, POPLAR

POPLAR & SOME ALDERS

POPLAR & SOME BALSAM, SPRUCE

SPRUCE, POPLAR ALDERS

ALDERS

POPLAR, ALDERS

GRASSY CLEARING

tape line

POPLAR

POPLAR, ALDERS

POPLAR, BALSAM

THICK ALDERS

419065

POPLAR & ALDERS

ALDERS & RASPBERRY BUSHES

POPLAR, ALDERS

old E.-W. line?

POPLAR SAPLINGS, ALDERS

GRASSY CLEARING & SHRUBS

O.N.R.

Gravel Pit

BLACK RIVER

OLD PIT

Power Line

Power Line

0+00 Base Line

12 W | 8 W | 4 W | 00

PROPOSED
H4-1-76
@ -50°
TD. 500'

to Ramore

N

A.S.T.

LEGEND

- A — 2. Andesite
- D — 1. Rhyolite and Rhyodacite
- C — 1. Dacite
- O — Quartz Diabase; Diabase

p - pillowed ; t - tuff ; bldr. - boulder ; c - with; Δ - fragmental ; mg. - medium grained

- claim post
- bush road
- bush trail
- clearing ; open field
- outcrop
- boulder
- geological contact
- geological contact (interpreted)
- foliation (vertical dip)
- pillows (tops to south)
- power line

HOLLINGER MINES LTD.

HISLOP No. 2 & 4 (Guillemette Opt)

GEOLOGY

HISLOP TWP. ONT.

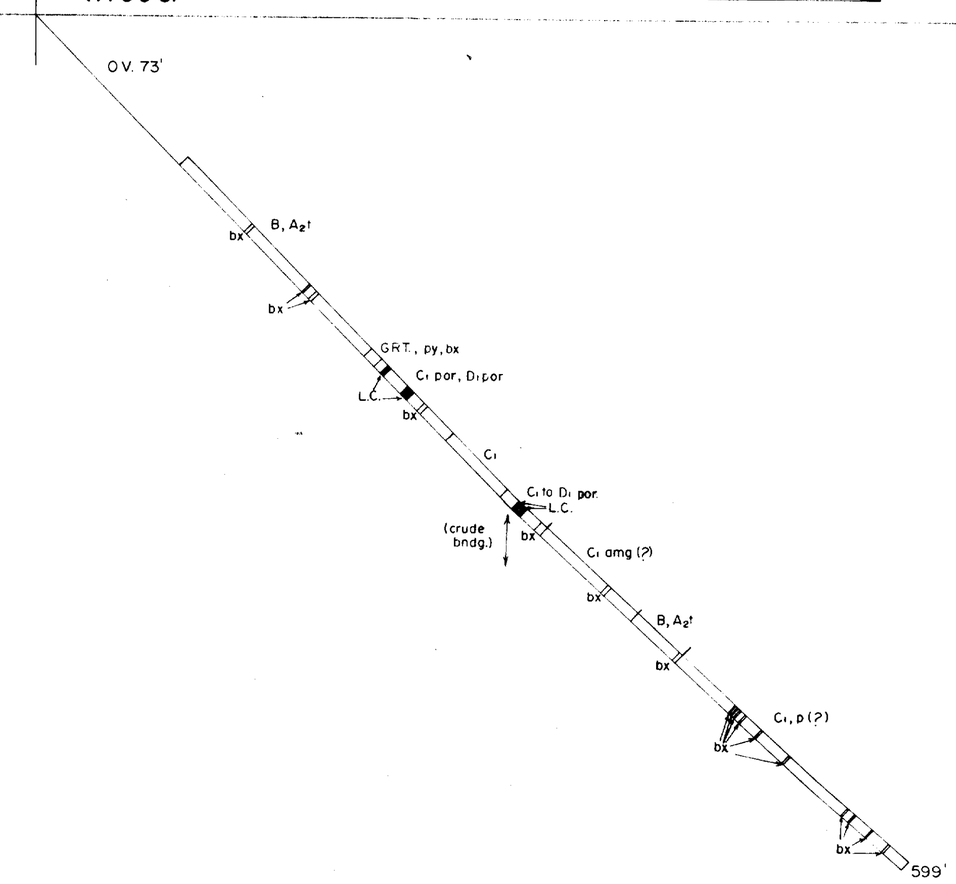
SCALE : 1" = 400'

XL 0+00;
11+90 S.

NORTH

00

ELEV. 00



-100

-200

-300

-400

-500

-600

-700

-800

HOLLINGER MINES LIMITED

DIAMOND DRILL SECTION

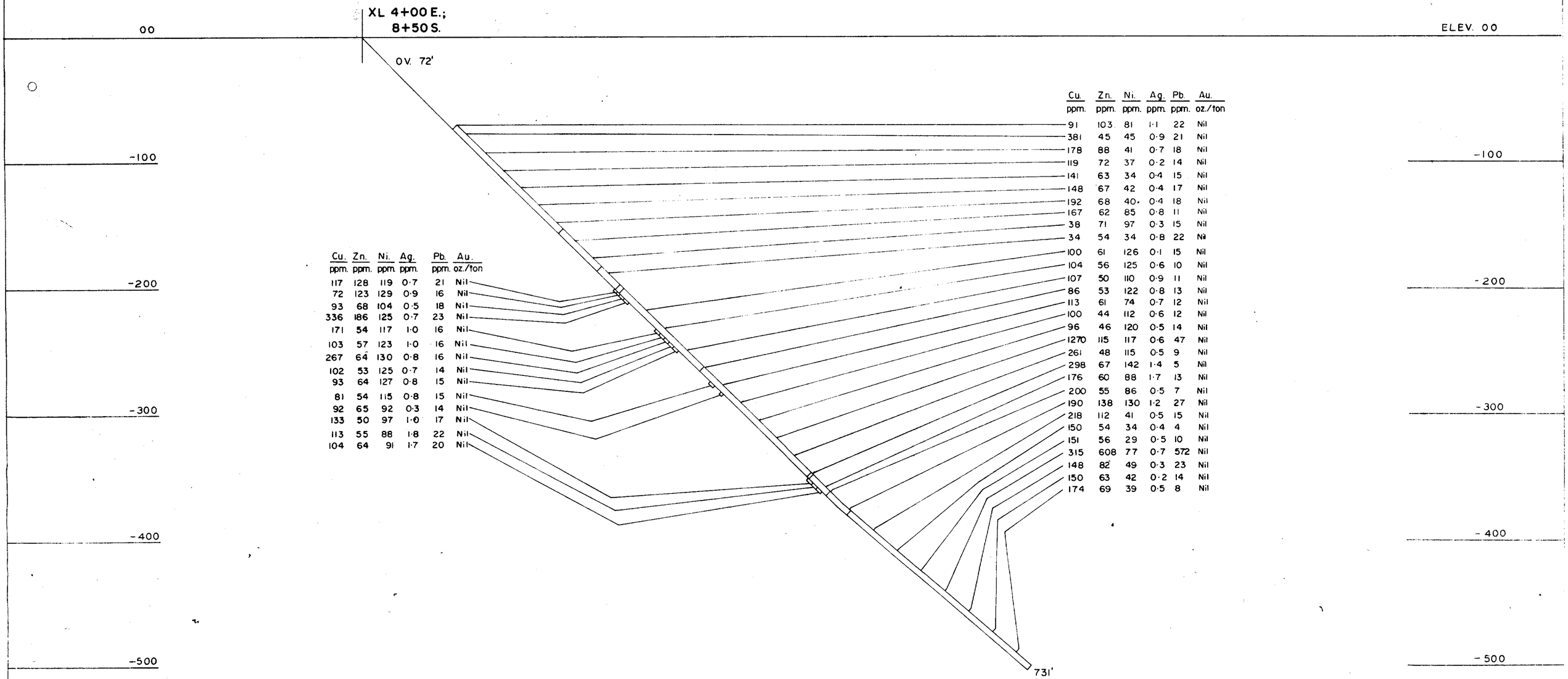
PROPERTY: HISLOP No.4 (Benoit Opt.)

TOWNSHIP: HISLOP

HOLE No. H4-1-76

LOCATION: XL 0+00; 11+90 S.

SCALE: 1 IN. TO 50 FT.



HOLLINGER MINES LIMITED

DIAMOND DRILL SECTION

PROPERTY: HISLOP No. 2 (Guillemett Opt.)

TOWNSHIP: HISLOP

HOLE NO. H2-1-76

LOCATION: XL 4+00E; 8+50 S

SCALE: 1 IN. TO 50 FT.