REPORT ON THE 1992 EXPLORATION PROGRAM CARRIED OUT ON THE McKENZIE - GRAY PROPERTY MINE CENTRE AREA, ONTARIO FOR NIPIGON GOLD RESOURCES INC.

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SUMMARY

The Nipigon Resources McKenzie - Gray Property is located 15 kilometres west - southwest of Mine Centre, Kenora Mining District, Northwestern Ontario. The claim group comprises 32 contiguous mining claims.

The property is underlain by a tonalite - trondhjemite northeast - southwest trending suite of the Bad Vermilion felsic intrusion. Narrow lenticular xenoliths of mafic and felsic metavolcanic flows are intercalated within the felsic intrusion. In the northeast part of the property under study, the felsic intrusion is in contact with the Bad Vermilion Lake mafic intrusion which is a highly differentiated anorthosite to gabbro suite.

A very successful Phase 1 diamond drilling program (2,500 linear feet) carried out from May to June 1992 on the McKenzie - Gray vein, proved the depth and lateral extensions of the vein which Falconbridge failed to intercept in their 1985 drilling program (holes too short). A second diamond drilling program (2,500 linear feet) followed during the period of June to July 1992.

This drilling defined a lens - shaped quartz vein within the McKenzie - Gray dextral shear zone. This shear zone is very strong, alteration and deformation can be observed up to 50 feet away from the shear. Usually gold bearing quartz veins form lenses along such shear zones.

From the recent exploration drilling, one such lens has been partly defined. The lens dips approximately 15 degrees to the northwest along the shear zone plane. On surface, the vein has been trenched for a distance of more than 300 feet and the width of the vein varies from 0.5 to 3.5 feet. The vein has been intersected up to a depth of 200 feet where the width increases to 13 feet and defines a pencil - shape orebody. A tonnage of roughly 100,000 tons grading 0.30 opt Au (gold equivalent) has been estimated. Similar lenses can be expected all along the McKenzie - Gray shear zone.

With the 50 tons per day mill facilities already in place, it is recommended to carry on metallurgical tests on the ore, in order to easily and economically separate the gold from the zinc and copper concentrate using new techniques. The best techniques identified, there is presently enough reserves easily accessible on the McKenzie - Gray vein for a continuous mining operation of more than 5 years.

INTRODUCTION

The following report presents the results of the limited exploration program conducted on the McKenzie - Gray property during the period from May to July 1992. A study of all available informations was also conducted and the following pages also presents pertinent informations.

The supervision of the diamond drilling was carried out by Claude Larouche P. Eng. of OVALBAY GEOLOGICAL SERVICES INC. Thunder Bay, Ontario, Canada.

Ovalbay Geological Services is a consulting firm employing geologists and engineers able to carry out all phases of exploration and development programs.

LOCATION AND ACCESS

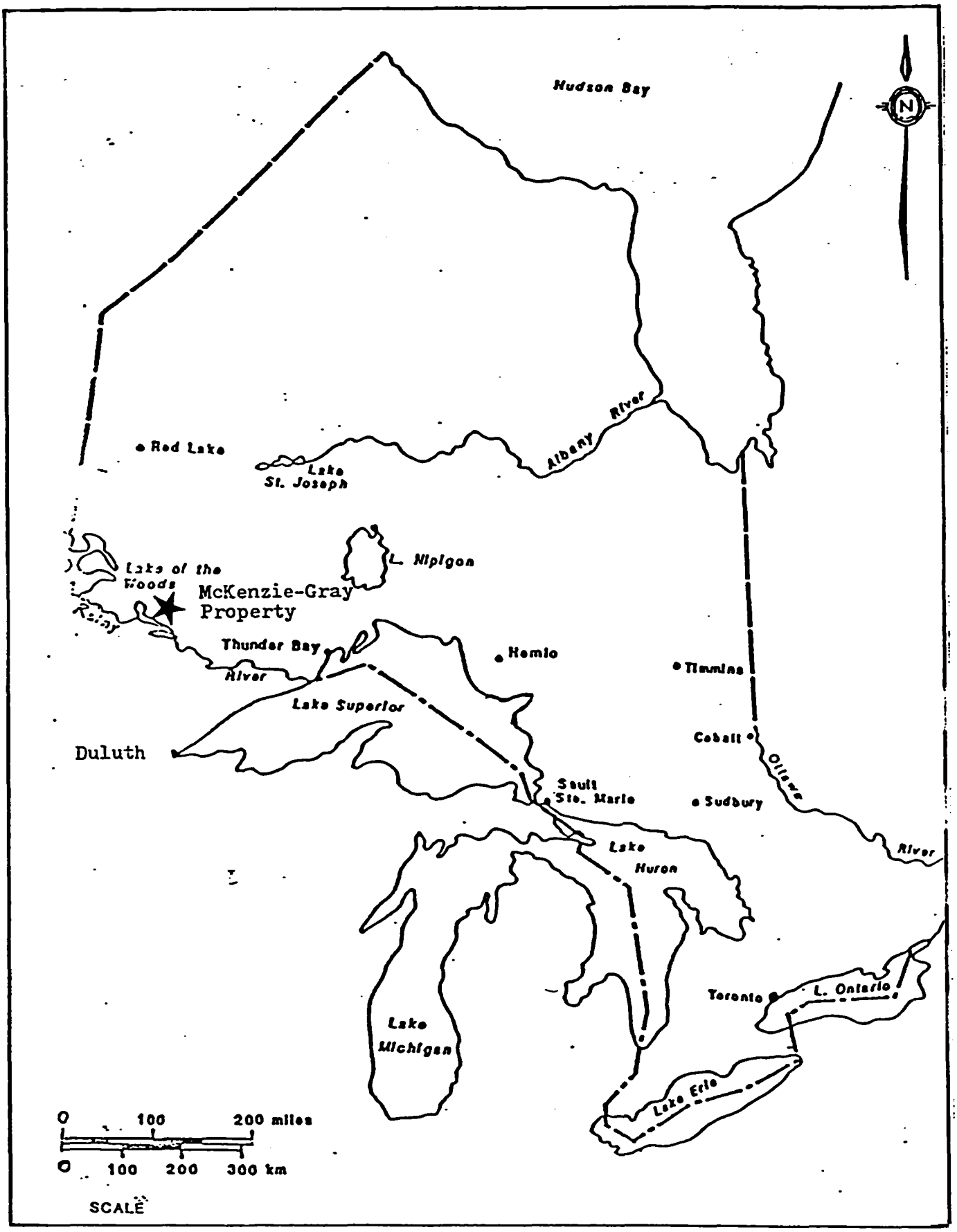
The claim block under study is located at latitude 48 degrees 41 minutes and longitude 93 degrees 41 minutes on NTS Sheet 52C/10 some 200 kilometres west of Thunder Bay, Northwestern Ontario, Canada.

The main property (Figure 1) is located roughly 15 kilometres by road west - southwest of Mine Centre, which is situated along Highway # 11 some 70 kilometres east of Fort Frances, Ontario and International Falls, Minnesota. The only road access to the property is from Highway 11, via the Shoul Lake road, one kilometre east of Mine Centre. The Shoul Lake road underwent an upgrading during the 1990 season through a grant provided by NORTC.

The Seine River Indian Reserve No 23B is located near the southwest corner of the property along the north shore of Grassy Lake and west of Mudge's Camp which is located at the outlet of the Bad Vermilion Creek into Grassy Lake.

Relief over the property is low, with outcrop exposures accounting for most of the topographic highs. Lows areas represent lakes or swampy zones between the lakes. Northeast trending lineaments were noted on the property as narrow gorges parallel to Finger Lake which is a long narrow lake to the northeast of the claim block. These lineaments represent shear zones.

The claims are mostly covered with forest composed of spruce and balsam, with birch, poplar and a thick hazel underbrush covering. Intervening marshy areas are associated with muskeg, cedar and alders.


Hudson Bay
N
Red Lake
Lake St. Joseph
Albany River
L. Nipigon
Lake of the Woods
McKenzie-Gray Property
Rainy River
Thunder Bay
Hemlo
Timmins
Lake Superior
Duluth
Cobalt
Ottawa River
Sault Ste. Marie
Sudbury
Lake Huron
Lake Michigan
Toronto
L. Ontario
Lake Erie
0 100 200 miles
0 100 200 300 km
SCALE

CLAIMS

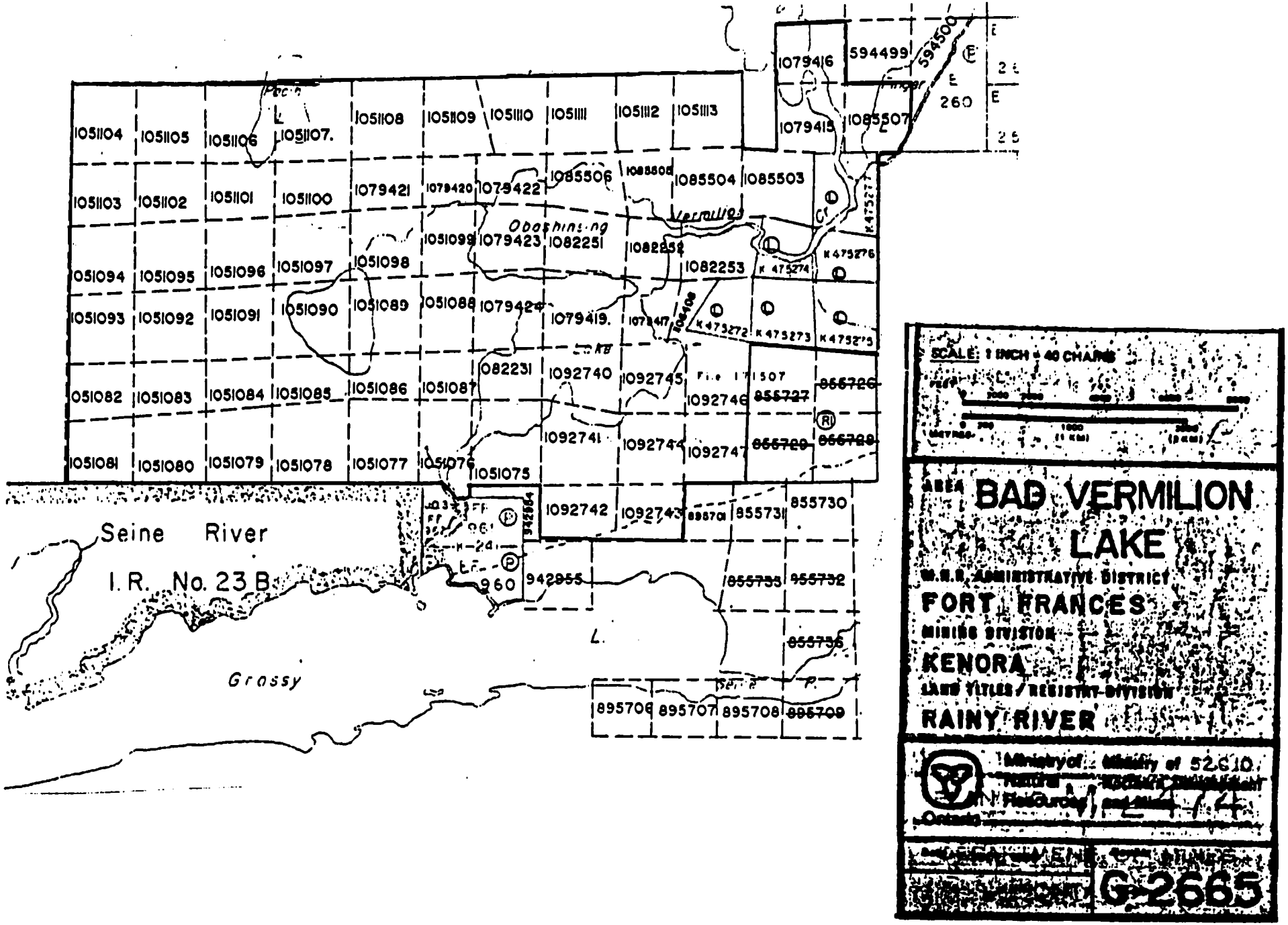
The main property is comprised of 32 contiguous mining claims in two groups, the McKenzie - Gray and West Rock Groups. The claims (Figure 2) are recorded in the Kenora Mining Division and their numbers are as follows:

McKenzie - Gray Group

K475272 to K475277	6 claims

West Rock Group

K1079415 to K1079417	3 claims
K1079419 to K1079424	6 claims
K1082231	1 claim
K1082251 to K1082253	3 claims
K1085503 to K1085507	5 claims
K1092740 to K1092747	8 claims


SCALE: 1 INCH = 40 CHAINS
AREA
BAD VERMILION
LAKE
M.N.R. ADMINISTRATIVE DISTRICT
FORT FRANCES
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
RAINY RIVER
Ministry of Natural Resources
Ontario
G-2665
Seine River
I.R. No. 23 B
Grossy
Vermilion
Obonhinsing
1051104
1051105
1051106
1051107.
1051108
1051109
1051110
1051111
1051112
1051113
1051103
1051102
1051101
1051100
1079421
1079420
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1079416
594499
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1085507
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1051094
1051095
1051096
1051097
1051098
1051099
1079423
1082251
1082253
K 475276
K 475274
K 475277
1051093
1051092
1051091
1051090
1051089
1051088
1079424
1079419.
1079417
K 475272
K 475273
K 475275
1082231
1092740
1092745
File 171507
855726
1092746
855727
1051082
1051083
1051084
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1051086
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1051080
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1092743
855730
855731
942955
960
855735
855732
855736
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895707
895708
895709

PREVIOUS WORK

The main showing is reported to have been discovered in 1926 by Bankfield Consolidated Mines Ltd. Subsequent trenching, sampling and diamond drilling by Bankfield delineated part of the McKenzie - Gray gold bearing vein. Over the years from 1938 to 1946, visits by Wright - Hargraves, Sylvanite Gold Mines Ltd, McIntyre Gold Mines Ltd, U.S. Smelter and Ventures Ltd have been documented. The following assays are reported:

McIntyre: 16.8 g Au/ton across 0.9 m, 76.2 m long
(0.49 oz Au/ton across 2.9 feet, 250 feet long)

U.S. Smelter: 15.1 g Au/ton across 1.2 m, 53.4 m long
(0.44 oz Au/ton across 4.0 feet, 175 feet long)

Ventures Ltd: 9.3 g Au/ton across 1.2 m, 91.5 m long
(0.27 oz Au/ton across 4.0 feet, 300 feet long)

Steep Rock Mines Ltd. completed a survey in the area of the Finger Lake fault zone. Weak VLF-Em conductors were located and copper, molybdenum and pyrite mineralization were also noted on the Island Bay and Finger Lake areas. In 1979, Corp. Oil and Gas Ltd took an option from S. Lakatos and K. McTavish. The company conducted a program of stripping, trenching and diamond drilling. Their best results were 1.4 g Au/ton over 2.1 m and 5.1 g Au/ton over 0.6 m. These holes tested the vein down to the 30 and 70 metre levels. A small program of line cutting, soil and humus geochem was carried out by Sherritt Gordon Mines Ltd from 1982 to 1983. Steep Rock Resources Inc. took a second look at the property in 1983. An option was concluded with S. Lakatos and K. McTavish. A work program of line cutting, magnetometer and Induced Polarization surveys was completed during November and December 1983.

In November of 1984, a 25 to 27 ton bulk sample was taken by the Mine Centre Joint Venture Group, from a high grade zinc portion of the McKenzie - Gray vein. It was processed through a local mill. Available data indicates that the mill feed was graded at 7.2 g Au/ton, 112.1 g Ag/ton, 10 to 18% Zn and 0.11% Pb.

The property was subsequently optioned by Corporation Falconbridge Copper in 1985. A program of mechanical stripping and diamond drilling was carried out. The drilling intersected the main McKenzie - Gray vein in several drill holes with significant gold and base metal values.

Prior to the 1990's, Nipigon Gold Resources has conducted an extensive program of surface stripping and trenching on the McKenzie - Gray and East Veins and also surface stripping on the Big John Vein.

During the 1990 program conducted under the supervision of D.J. Gliddon, prospecting, geological mapping, trenching, channel sampling and ground geophysical survey program was completed. An airborne Em-Mag survey and metallurgical studies were also conducted.

The geophysical survey outlined several VLF-Em conductors on the property, with the majority interpreted to represent conductive overburden and/or topographic features, but the remainder are interpreted as weak bedrock conductors possibly narrow shear zones. The magnetic survey confirms the general northeast - southwest trend of the underlying rock formations with linear magnetic highs interpreted to represent the xenoliths of mafic metavolcanics and also northeast trending mafic dykes.

REGIONAL GEOLOGY

The rocks in the Mine Centre area occur within the Archean Superior Province in a fault - bounded wedge between two subprovinces, the Wabigoon granite - greenstone terrain to the north and the Quetico metasedimentary terrain to the south. The Quetico and Seine River dextral wrench faults form two first - order structures in the area and are defined as ductile shear zones which separate distinctive stratigraphic, structural and metamorphic terrain.

All major rock types of the Archean are represented in the area. They include mafic and felsic metavolcanics, sedimentary wackes and mudstones, conglomerates and arenites, layered gabbroic - anorthositic intrusions, tonalitic and granodioritic felsic intrusions. The wedge of Archean rocks contained between the Quetico and Seine River faults is structurally discordant from both subprovinces but because of their gross lithological similarities they form part of the Wabigoon subprovince.

The rocks of the Quetico fault form part of the Irene - Eltrut Lakes and Rainy Lake granite complexes. These complexes consist of gneissic domes and granitoid intrusions with minor supracrustal metavolcanic and metasedimentary rocks along the margins of the gneissic domes.

The rocks south of the Seine River fault consist of metasedimentary rocks displaying low to high grade metamorphism. These sedimentary rocks dip steeply 70-90 degrees south and display three discrete cleavages: 1) an east-west subparallel to the bedding, 2) a moderate angle to bedding, 3) a late set of crenulation and kink bands striking northwest. The sedimentary bands consist of pelitic rocks increasing in metamorphic grade southward from the Seine River fault from a chlorite-sericite, chlorite-biotite greenschist facies assemblage to biotite-cordierite-staurolite-garnet-sillimanite amphibolite, biotite-garnet-andalusite-staurolite and biotite-garnet-sillimanite amphibolite facies assemblages (Poulsen, 1984).

The metavolcanic lithologies consist of basaltic flows, pyroclastics and epiclastic rocks of intermediate to felsic composition. These rocks occupy the northwest, north and east margin of the wedged block and to a minor extent, the south margin. The metasedimentary rocks within this wedged block located mainly on the eastern part of the wedge consists of conglomerates, wacke, mudstone and iron formation in contact with the volcanics and form part of the Quetico metasediments.

Numerous stocks have intruded the wedge-shaped block between the Quetico and Seine River faults.

The two (2) major stocks are the Ottertail stock and the Bad Vermilion Lake mafic intrusion which are similar in age. These intrusions are about 100 million years younger than the granitoid masses north of the Quetico fault, the Irene-Eltrut Lakes and Rainy Lake Batholithic Complexes (Poulsen, 1984).

The Bad Vermilion Lake mafic intrusion takes the shape of a steeply dipping, layered gabbroic sill. Numerous small sills and dikes of this rock cut the metavolcanic and metasedimentary sequence.

Granitoid rocks of trondhjemitic and tonalitic composition have intruded the contact zone in the form of sills along the volcanic and gabbroic rock contact. The Mud Lake trondhjemite intrudes along the northwest contact of the Bad Vermilion gabbroic complex and the Bad Vermilion tonalite has intruded along the southeast contact of the Bad Vermilion Lake gabbroic complex. The sills are conformable with their host and rarely intrude the country rocks.

Intense foliation has developed at their contacts with their hosts and have developed major shear zones such as the Finger Lake shear zone (Poulsen, 1984).

The two (2) major structures in the area are the Quetico and the Seine River-Rainy Lake fault zones. The Quetico fault is up to one kilometre wide and contains schists, mylonites, cataclastites and pseudotrachylite. The primary constituents of these deformed rocks are plutonic, metavolcanic and metasedimentary rocks of Archean age. The rocks in the Seine River fault zone are similarly deformed but from different lithologies of sedimentary origin thus forming schists, phyllites and phyllonites. Smaller secondary shear zones have developed throughout the area and are composed of local rock types.

The attitude of minor fold axes and cleavage are clearly controlled by proximity to the Quetico and Seine River faults. This sigmoidal pattern of cleavage orientation suggest that these faults involve a zone of ductile deformation in which rotation of early-formed structures has taken place.

Deflection of marker units indicates right-hand components of displacement for both faults so that the intervening terrain can be considered a dextral wrench zone. The orientations and senses of mesoscopic ductile shear zones across the area support this interpretation. Three common orientations exist: two (2) sets of right hand shear zones parallel with each of the major faults can be distinguished from a northwesterly striking, left hand conjugate set. The interpreted direction of regional shortening is consistent with that indicated by the folds.

PROPERTY GEOLOGY

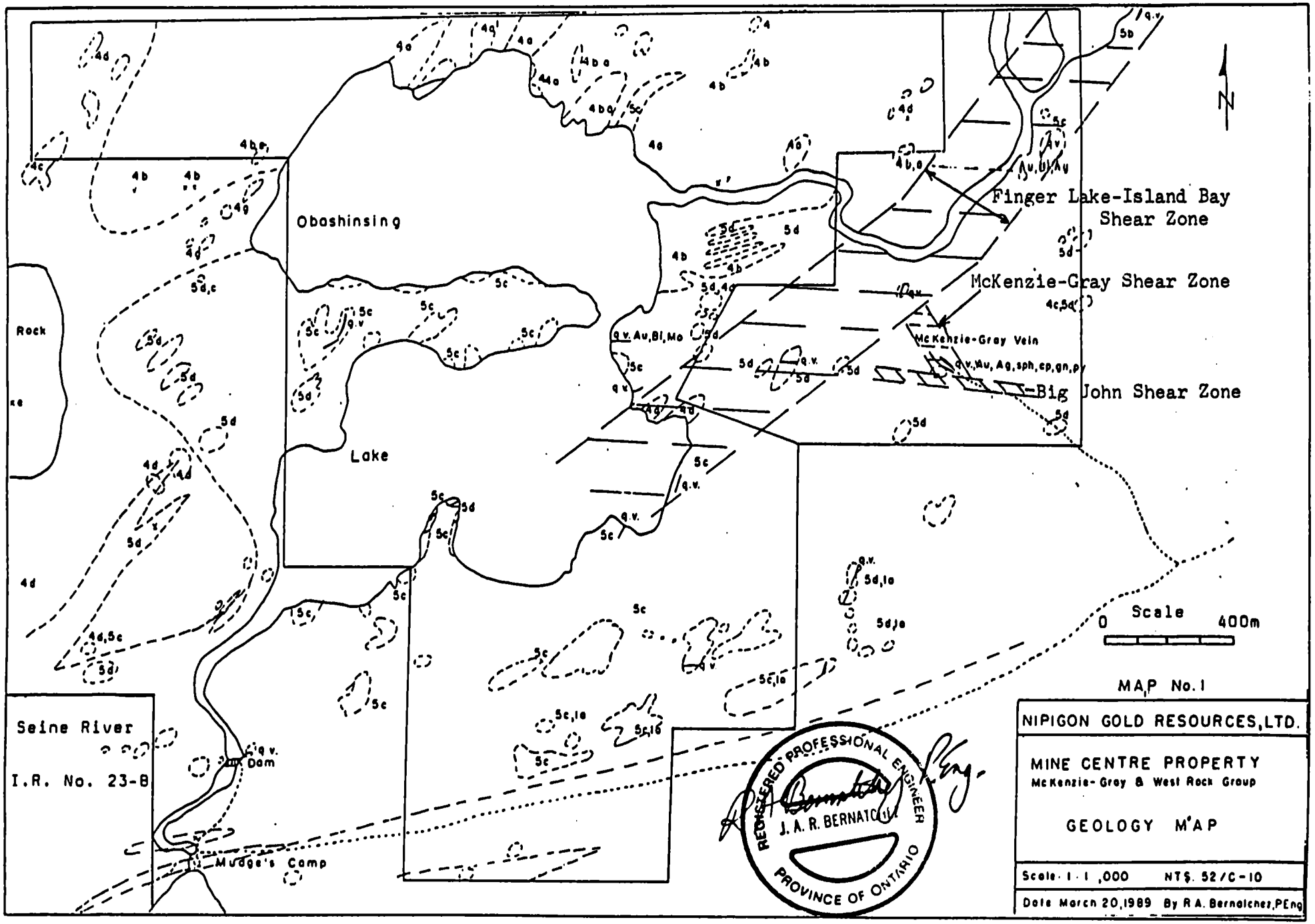
The geology of the property is based on the observations made by David J. Gliddon who mapped the claim block during the summer of 1990.

The Bad Vermilion felsic intrusion varies from a granodiorite with quartz eye phenocrysts in the south part of the study area, to a biotite - hornblende trondhjemite in the north part of the claim block, adjacent with the mafic intrusion. The felsic intrusion is medium grained to coarse grained, grey to white and composed of anhedral to subhedral grains of plagioclase and quartz up to 0.5 cm in size within a fine grained mafic matrix. The granodiorite - trondhjemite contains variable degrees of sausserite, chlorite, carbonate and sericite alteration, depending on the amount of local shearing.

The mafic and felsic metavolcanic xenoliths are essentially highly altered flows, fine to medium grained, light to dark green in colour and also contain variable amount of chlorite and carbonate alteration.

The Bad Vermilion Lake mafic intrusion is layered and expressed by modal variations in mineralogy, chemical variation across strike and locally by rhythmic layering. The rock composition range from melagabbro to anorthosite. The anorthosite is medium to coarse grained, grey - white in colour and consists of anhedral to euhedral plagioclase phenocrysts up to 5 cm in size within a finer grained pyroxene matrix.

During the 1990 summer mapping several narrow NE - SW trending shear zones and quartz veining parallel to these shears were located, no significant mineralization was noted within these veins. To date, the McKenzie - Gray vein (Figure 3) is the only vein containing gold - sulphide mineralization of economic concentrations. The vein is located within a highly sheared granodiorite in a NW trending fault/shear zone cross cutting the regional foliation. The vein is bounded by fractures and is boudinaged, folded vertically and horizontally, averages 1 metre in width and is exposed for 100 metres along strike. The quartz vein is reddish - grey with sericite - filled shear planes within the vein. It contains minor carbonate and tourmaline. Mineralization consists of free gold and gold within sulphides. The sulphides are black, brown and green sphalerite, chalcopyrite, galena and pyrite. The mineralization occurs along the total length of the vein in anomalous and high grade sections.



MAP No. 1

NIPIGON GOLD RESOURCES, LTD.

MINE CENTRE PROPERTY

McKenzie-Gray & West Rock Group

GEOLOGY MAP

Scale 1 : 1,000 NTS. 52/C-10

Date March 20, 1989 By R.A. Bernatchez, P.Eng.

Recent trenching shows that a secondary vein, the East vein, is present on surface closely associated to the McKenzie - Gray vein. Only the McKenzie - Gray vein carries gold values. The two (2) veins are easily identified by their difference in sulphide content.

RECENT WORK

Few days of structural analysis and prospecting before the recent drilling campaign permitted to locate a new gold showing some 250 feet along strike to the north of the known McKenzie - Gray. Two (2) grab samples returned 0.42 and 0.95 opt Au.

A total of 15 holes totalling 4,957 linear feet were completed from May 16th to July 4th, 1992. Table 1, 2 and 3 give statistics on the recent drilling campaign: location (line-station) azimuth, dip length, date started, date ended, claim #, number of samples per hole, length sampled, acid test, etc...

McKENZIE - GRAY

HOLE #	LINE	STATION	AZ	DIP	LENGTH	CUMULATIVE
NG-92-1	L-8+58E	2+16S	240°	-45°	216	216
NG-92-2	L-7+25E	0+96S	314°	-45°	461	677
NG-92-3	L-7+50E	3+05S	025°	-45°	346	1023
NG-92-4	L-7+50E	3+05S	025°	-50.5°	356	1379
NG-92-5	L-7+50E	3+05S	040°	-45°	346	1725
NG-92-6	L-7+50E	3+05S	012°	-45°	356	2081
NG-92-7	L-8+61E	1+44S	230°	-45°	156	2237
NG-92-8	L-8+61E	1+44S	276°	-45°	206	2443
NG-92-9	L-7+50E	3+05S	025°	-65°	494	2937
NG-92-10	L-7+64E	3+48S	045°	-45°	316	3253
NG-92-11	L-7+64E	3+48S	045°	-60°	456	3709
NG-92-12	L-7+64E	3+48S	013°	-54°	486	4195
NG-92-13	L-7+50E	3+05S	012°	-60°	400	4595
NG-92-14	L-7+77E	2+78S	012°	-53°	206	4801
NG-92-15	L-8+93E	4+25S	230°	-45°	156	4957

TABLE 1: DIAMOND DRILL HOLE STATISTICS

McKENZIE - GRAY

HOLE #	BEGIN	END	CLAIM #	CASING	SAMPLES #	LENGTH SAMPLE
NG-92-1	May 16th	May 17th		No	21	70.9'
NG-92-2	May 17th	May 19th		No	18	64.3'
NG-92-3	May 19th	May 21st		No	10	42.2'
NG-92-4	May 21st	May 23rd		No	9	38.1'
NG-92-5	May 23rd	May 24th		No	11	41.0'
NG-92-6	May 24th	May 26th		No	11	41.3'
NG-92-7	May 26th	May 27th		No	2	7.0'
NG-92-8	May 27th	May 27th		No	1	4.7'
NG-92-9	June 24th	June 26th		No	8	34.0'
NG-92-10	June 26th	June 27th		No	9	28.8'
NG-92-11	June 27th	June 28th		No	8	24.5'
NG-92-12	June 29th	July 1st		No	21	70.5'
NG-92-13	July 1st	July 3rd		No	12	38.0'
NG-92-14	July 3rd	July 4th		No	11	37.5'
NG-92-15	July 4th	July 4th		No	3	5.5'
					155	548.3'

TABLE 2: DIAMOND DRILL HOLE STATISTICS

ACID TEST

HOLE #	DEPTH	TRUE ANGLE
NG-92-1		
NG-92-2	300'	37.5°
NG-92-3	300'	broken
NG-92-4	300'	46.0°
NG-92-5	300'	43.5°
NG-92-6	300'	38.5°
NG-92-7		
NG-92-8		
NG-92-9	250' 486'	64.0° broken
NG-92-10	316'	41.0°
NG-92-11	456'	56.0°
NG-92-12	486'	43.0°
NG-92-13	396'	54.5°
NG-92-14		
NG-92-15	156'	38.5°

TABLE 3: DIAMOND DRILL HOLE STATISTICS

Hole # 1 was drilled north of previous drilling. It intersected mainly a porphyritic phase of the trondhjemite which is fairly characteristics and the main schistosity was parallel to the core axis.

Hole # 3, 4, 5, 6, 9, 10, 11, 12, 13, 14 and 15 tested the known McKenzie - Gray vein at depth of up to 340 feet vertically and for a length of 300 feet laterally. The structure is still open at depth end along strike. One of the interesting characteristics of this structure is a strong alteration zone developed at the contacts of the vein. This alteration can be identified up to 50 feet away from the vein. In the central and southern part of the gold bearing structure, the McKenzie - Gray and East vein are adjacent and parallel but they move away from each other in the northern part of the study area.

Hole # 2 was drilled under the Jolly Rodger vein which is another strong zone of shearing hosting important quartz veins. The drill hole intersected largely a mafic dyke highly altered and silicified over more than 160 feet along the core. Anomalous gold values within the mafic dyke indicate the possibility of an important gold bearing structure which will have to be investigated in detail. This structure may will be associated to a regional fault which could represent the channel for the gold mineralization in the region.

Holes # 7 and # 8 were drilled to test the new structure north of the known McKenzie - Gray close to surface. Anomalous gold values were intersected.

Tables 4 and 5 present a list of samples along with their Au, Ag, Cu and Zn concentrations. It can be concluded that the gold values appears to be associated to copper values and that silver values are associated to zinc values.

In order to compile a longitudinal section taking the sulphide and silver values, the better intersection have been calculated into gold equivalent (Table 6).

CONCENTRATION OF GOLD - ZINC - SILVER

SAMPLE #	AU OPT	AG PPM	CU %	ZN %
29835	0.414	120.0	0.22	8.93
29837	0.052	51.6	0.16	3.25
29838	0.159	16.0	0.18	4.43
29841	0.081	27.6	0.05	0.96
29842	0.348	144.4	0.19	1.40
29843	0.256	40.4	0.10	3.86
29860	0.321	22.4	0.44	0.52
29876	0.012	13.2	0.02	0.08
29877	0.017	31.2	0.14	1.90
29894	0.051	10.0	0.04	0.54
29928	0.019	8.8	0.01	0.18
29944	0.002	8.0	0.01	0.24
35452	0.189	222.4	0.34	33.84
35453	0.039	24.0	0.005	0.66
35454	0.172	20.0	0.06	2.72
35455	0.046	5.6	0.02	0.28
35457	0.060	3.2	0.01	0.06
35458	0.030	12.0	0.04	3.76
35477	0.002	3.6	0.01	0.02
35478	0.004	22.4	0.01	1.58
35484	0.003	19.2	0.04	0.54
35485	0.008	17.6	0.007	0.20

TABLE 4: BETTER CONCENTRATIONS OF GOLD, SILVER, COPPER AND ZINC FROM RECENT DRILLING

FALCONBRIDGE 1985 DIAMOND DRILLING

HOLE #	ZONE	FROM	TO	WIDTH	GRADE AU OPT	AG OPT	CU %	ZN %	GOLD EQUIVALENT
L-1		120.7	127.3	6.6	0.046	0.978	0.12 *	0.75*	0.091
L-2		136.8	148.3	11.5	0.006	0.902	0.12 *	0.20*	0.031
L-3		170.2	180.1	9.9	0.038	1.531	0.14 *	0.75*	0.090
L-4		178.1	186.6	8.5	0.010	0.238	0.12 *	0.30*	0.031
L-5	L	161.2	166.6	5.4	0.162	0.771	0.50 *	2.25	0.282
	U	193.5	196.6	3.1	0.034	0.835	0.43	0.98	0.106
L-6		156.4	163.5	7.1	1.06	2.66	1.89	4.98	1.387
L-7		150.4	156.8	6.4	0.029	0.225	0.026	0.419	0.048
L-10		55.76	60.5	4.74	0.403	1.01*	0.90 *	7.00*	0.717
L-12		320.8	325.7	4.9	0.028	0.35*	0.40 *	0.50*	0.075

* ESTIMATED

TABLE 5: BETTER CONCENTRATION OF Au, Ag, Cu AND Zn
FROM FALCONBRIDGE, 1985 DRILLING

McKENZIE - GRAY VEIN

DRILL HOLE INTERSECTIONS (1992 PROGRAM)

HOLE #	ZONE	FROM	TO	WIDTH	GRADE AU OPT	AG OPT	CU %	ZN %	GOLD EQUIVALENT
NG-92-3	U	283.0	296.0	13.0	0.231	1.814	0.185	5.78	0.465
	L	313.0	317.4	4.4	0.081	0.805	0.051	0.960	0.123
NG-92-4		298.4	308.0	9.6	0.319	2.63	0.142	2.68	0.451
NG-92-5	U	266.0	275.0	9.0	0.014	0.204*	0.040*	1.050*	0.055
	L	277.0	280.0	3.0	0.344	0.653	0.044	0.052	0.356
NG-92-6		279.0	288.0	9.0	0.018	0.618	0.073	0.129	0.034
NG-92-9		407.0	414.5	7.5	0.011	0.470	0.013	1.06	0.054
NG-92-10		278.0	288.8	10.8	0.010	0.535	0.022	0.357	0.030
NG-92-11		ZONE ?							
NG-92-12		348.5	354.0	5.5	0.002	0.233	0.010	0.24	0.013
NG-92-13		333.0	336.0	3.0	0.051	0.292	0.040	0.54	0.076
NG-92-14	U	147.0	164.5	17.5	0.075	0.254	0.027	1.26	0.123
	L	171.8	176.0	4.2	0.125	4.005	0.196	19.62	0.866

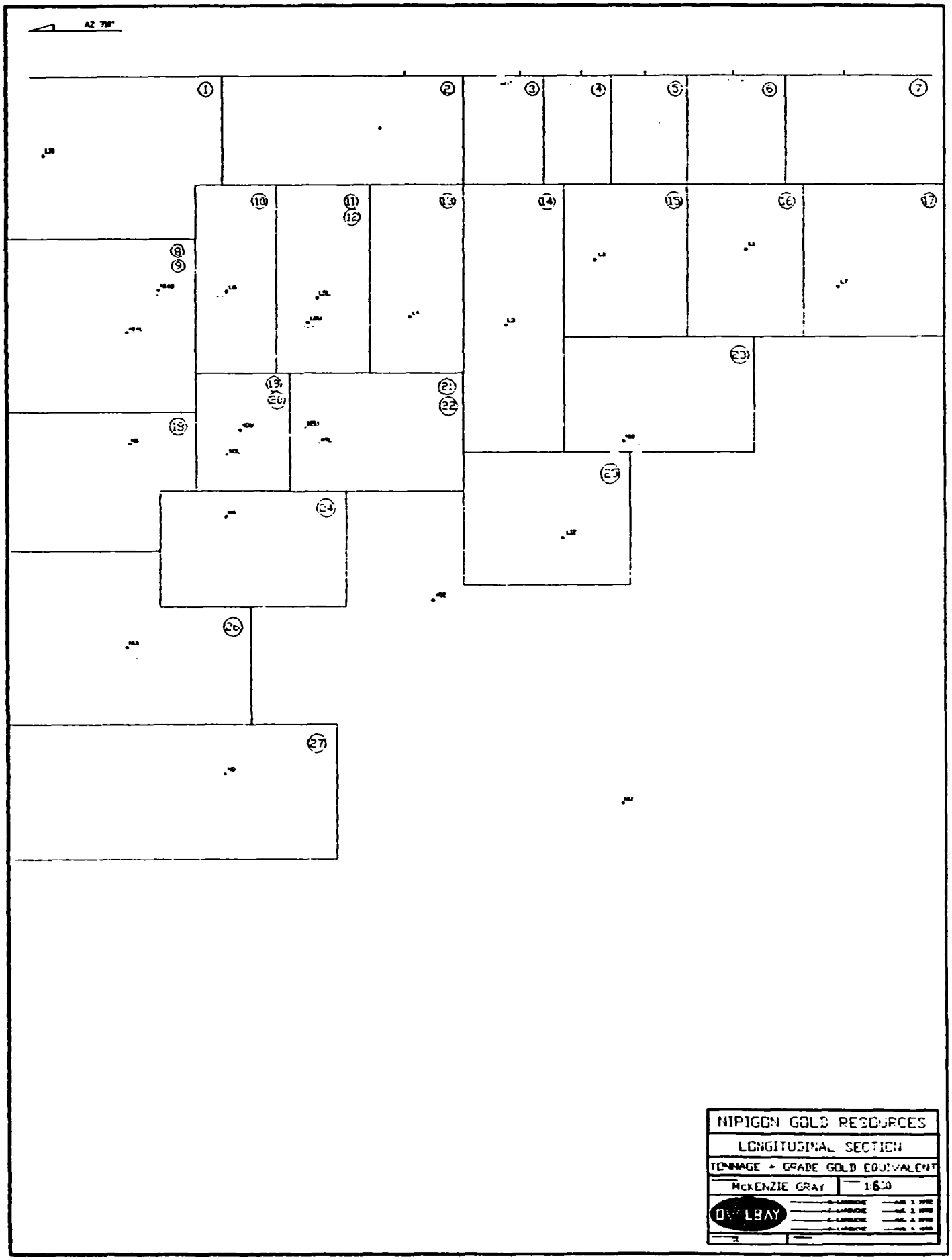
* ESTIMATED

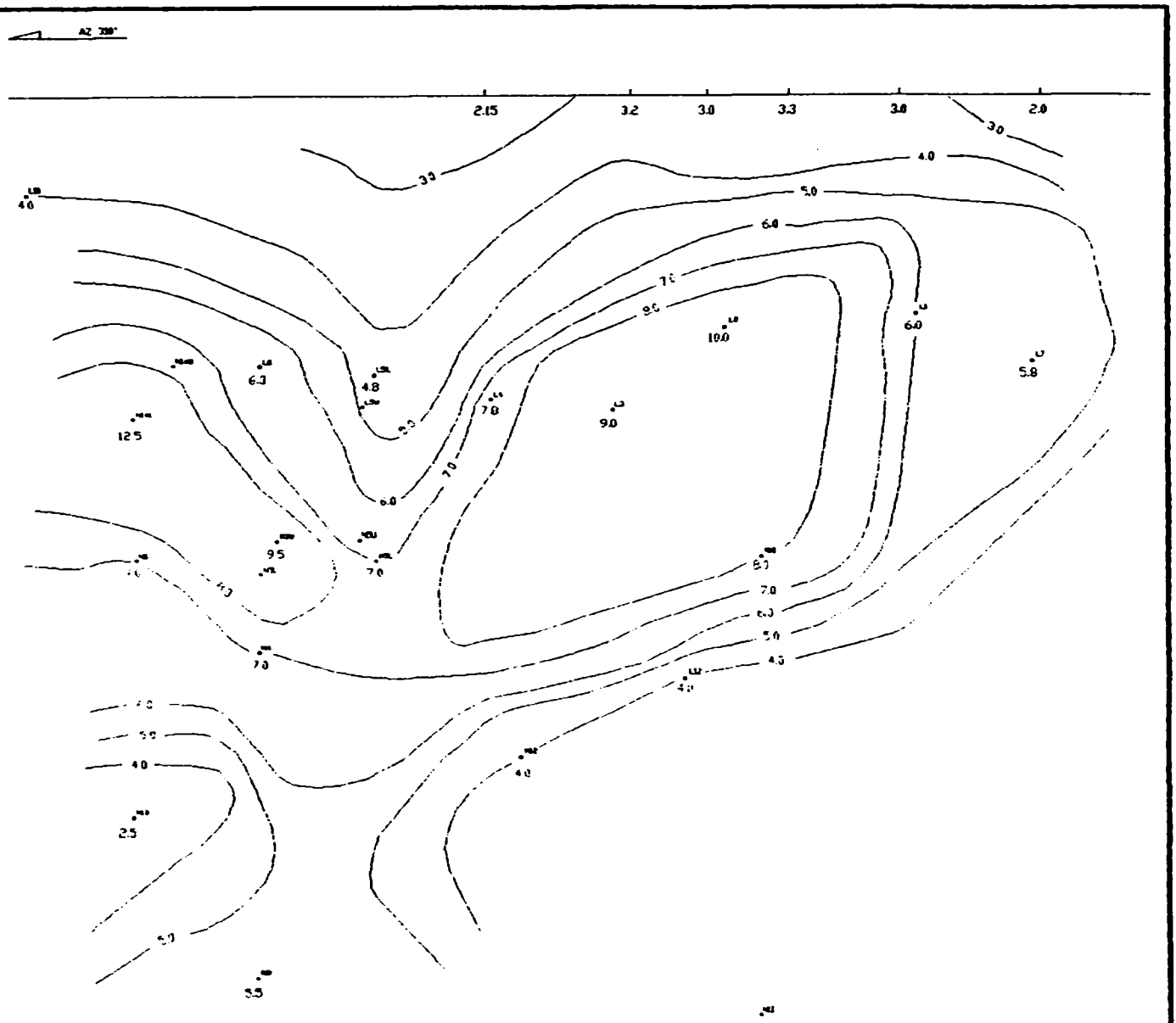
SPOT PRICES JULY 22nd, 1992 NORTHERN MINER
GOLD $425 SILVER $4.75 COPPER $1.39 ZINC $0.74

TABLE 6: GOLD EQUIVALENT, 1992 DRILLING

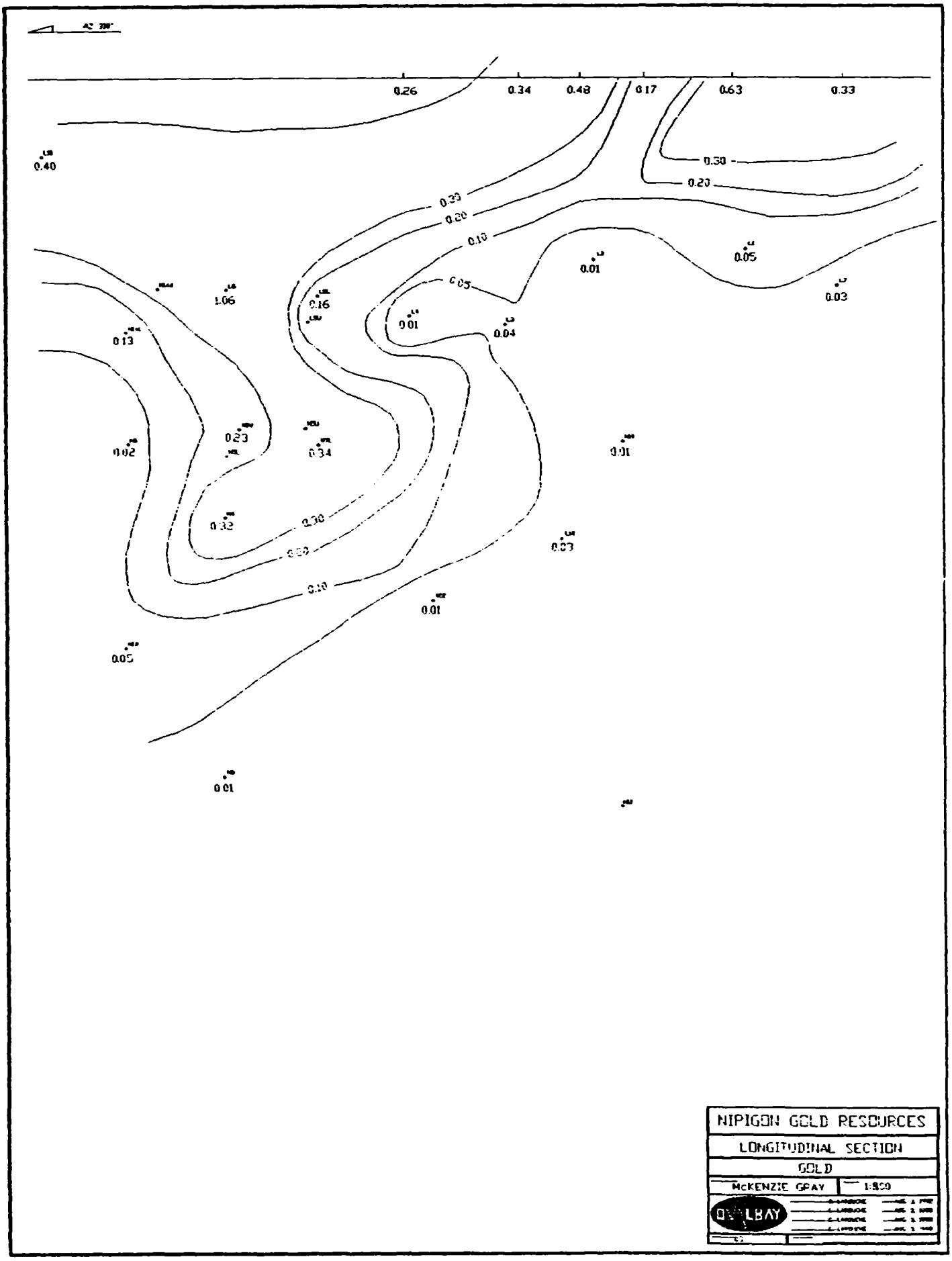
Figures 6, 7, 8, 9 and 10 at the scale of 1:800 have been compiled to study the distribution of the thickness of the vein along with the distribution of Au, Ag, Cu and Zn. From the information, it appears that the gold bearing quartz vein is dipping at 15^{o} to the northwest along the plane of the shear zone.

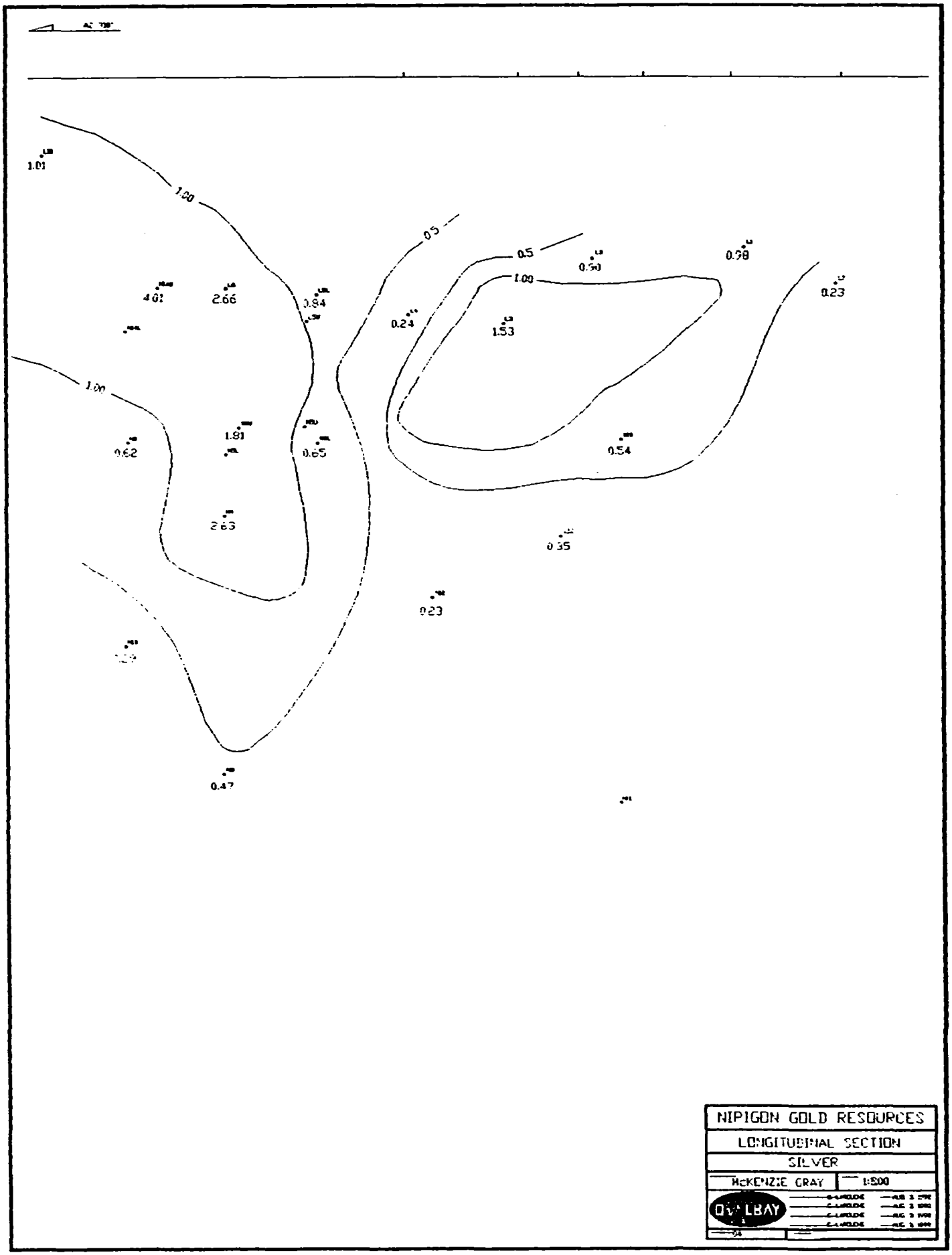
From the information of the drilling completed to date, a rough estimate of approximately 100,000 tons grading 0.30 opt gold equivalent has been estimated (Table 7, Figure 5) .


AZ 78°
NIPIGON GOLD RESOURCES
LONGITUDINAL SECTION
TONNAGE + GRADE GOLD EQUIVALENT
McKENZIE GRAY
1:600

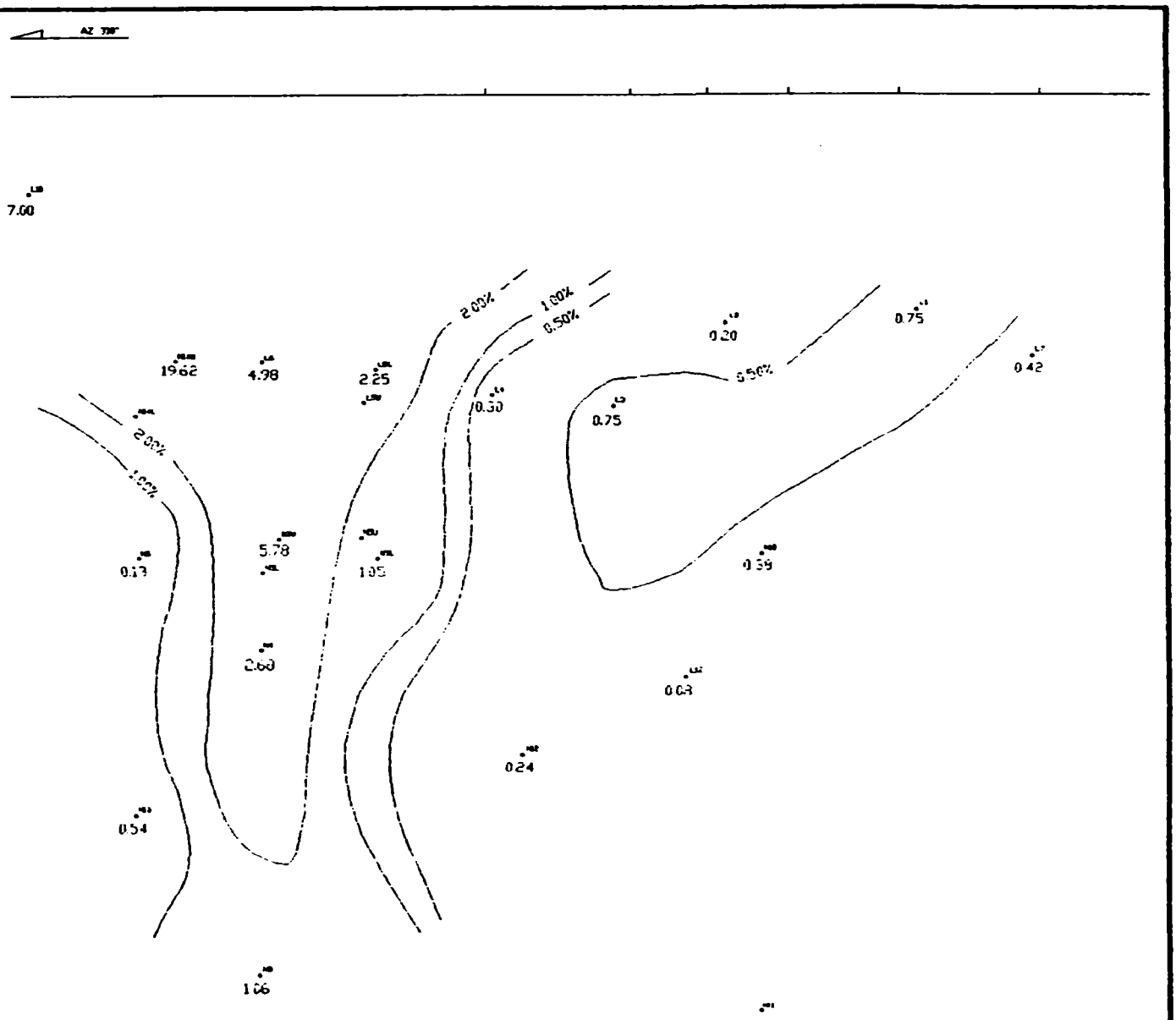


NIPIGON GOLD RESOURCES	
LONGITUDINAL SECTION	
THICKNESS OF VEIN	
McKENZIE GRAY	1:500
DALBAY	

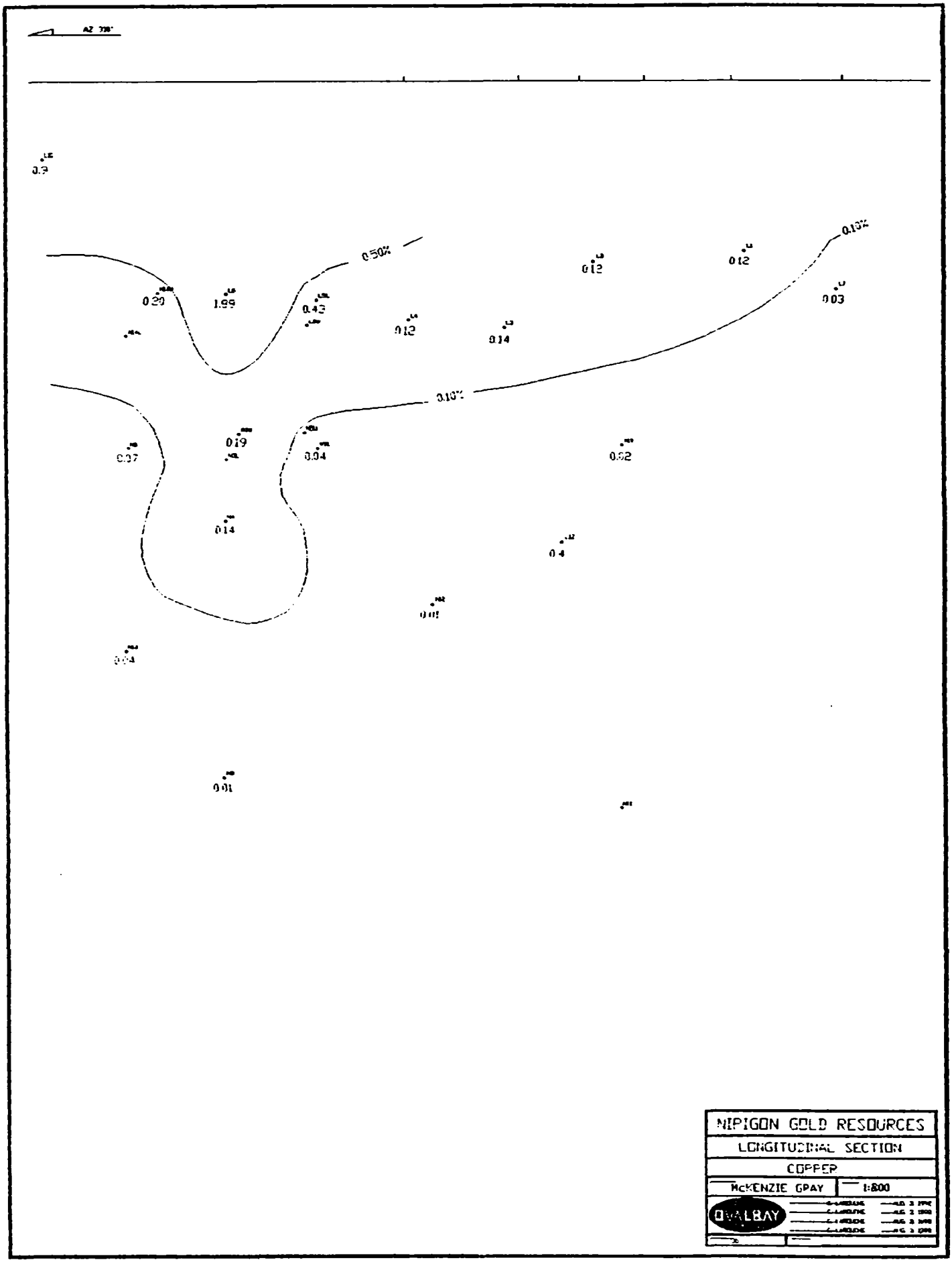

0.26
0.34
0.48
0.17
0.63
0.33
0.40
0.30
0.20
0.10
0.05
1.06
0.16
0.13
0.01
0.04
0.03
0.02
0.23
0.34
0.01
0.32
0.30
0.20
0.10
0.01
0.05
0.01
NIPIGON GOLD RESOURCES
LONGITUDINAL SECTION
GOLD
McKENZIE GRAY



NIPIGON GOLD RESOURCES	
LONGITUDINAL SECTION	
SILVER	
McKENZIE GRAY	1:500
OWL BAY	



NIPIGON GOLD RESOURCES	
LONGITUDINAL SECTION	
ZINC	
McKENZIE GRAY	1:800
DOWNEY LBAY	



NIPIGON GOLD RESOURCES	
LONGITUDINAL SECTION	
COPPER	
McKENZIE GRAY	1:800
OWALBAY	

ESTIMATE OF RESERVES (USING GOLD EQUIVALENT)

Block #	width	Grade opt. Au	Tons
1	4.0	0.717	3,916
2	2.15	0.258	1,665
3	3.2	0.340	806
4	3.0	0.48	604
5	3.3	0.17	799
6	3.0	0.63	930
7	2.0	0.33	1,007
8	12.5	0.123	11,673
9	4.0	0.866	3,802
10	6.3	1.387	2,837
11	4.8	0.282	2,440
12	3.0	0.106	1,525
13	9.0	0.09	6,817
14	6.0	0.091	3,189
15	9.5	0.465	3,271
16	4.0	0.123	1,377
17	7.0	0.055	4,293
18	2.0	0.356	1,226
19	7.0	0.451	4,249
20	4.0	0.075	2,556
21	2.5	0.076	2,690
22	5.5	0.054	7,030
		0.300	68,702 tons
	Potential	0.300	30,000 tons
		total	98,702 tons

TABLE 7: ESTIMATE OF RESERVE

CONCLUSIONS AND RECOMMENDATIONS

The geological model used for exploration on the McKenzie - Gray property is based on the SILIDOR project presently developed by Noranda Mines and Cambior in Northwestern Quebec. The geology is described as several facies including a tonalite, a mafic dyke, a carbonated breccia and quartz veins. A 100 feet wide alteration zone is developed on both sides of the structure which is characterized by a tension fracture resulting from the interaction of two (2) shear zones. The diluted ore reserves are estimated at 4,780,000 tons grading 0.16 opt Au down to a depth of 2,300 feet vertical. This geological situation is very similar to what we see on the Nipigon Gold - McKenzie - Gray property.

CERTIFICATE OF QUALIFICATIONS

THIS IS TO CERTIFY THAT:

- I am a resident of Thunder Bay, province of Ontario, Canada (385 Riviera Drive, Box H-9, Thunder Bay, Ontario, P7B 6K2).

- I have been engaged in mining exploration since 1974 and have been consulting as a professional geological engineer since 1980.

- I am a graduate of Quebec University, Chicoutimi (B.Sc. Eng., 1974) and Carleton University (M.Sc. Geol., 1979).

- I am a member of the Order of Engineers of the Province of Quebec and also a member of Prospectors and Developers Association and of the Canadian Institute of Mining and Metallurgy.

- This report is based on pertinent informations from previous data and the author personal supervision of the project. The author conducted a large part of the survey.

Signed in Thunder Bay, December 31st, 1992

CLAUDE LAROUCHE, P. Eng.

BARRINGER LABORATORIES

BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

11-May-92

OVAL BAY RESOURCES
1070 Lithium Drive, Unit #1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

PO #:

Received: 7-May-92 10:30

Job: 924113T

Status: Final

Rock Samples

Sample	Au FA/AA3 ppb
29826	14290
29827	32470

BARRINGER LABORATORIES
BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

1070 LITHIUM DRIVE
UNIT 2
THUNDER BAY, ONTARIO
P7B 6G3
PHONE: 807-623-6440
FAX: 807-623-6820

20-May-92

NIPIGON GOLD
1070 Lithium Drive, Unit #1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project: MCKENZIE GRAY

Received: 19-May-92 10:18
PO #:

Job: 924135T

Status: Preliminary

Core Samples

Sample	Au FA/AA3 ppb	Au Calc. oz/T
29711	6	<0.001
29712	8	<0.001
29713	1200	0.035

BARRINGER LABORATORIES
BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

1070 LITHIUM DRIVE
UNIT 2
THUNDER BAY, ONTARIO
P7B 6G3
PHONE: 807-623-6448
FAX: 807-623-6330

25-May-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 3
Copy: 1 of 1
Set : 2

Attn: Mr. Claude Larouche
Project: MCKENZIE GRAY

PO #:

Received: 19-May-92 10:18

Job: 924135T

Status: Preliminary

Core Samples

Sample	Au FA/AA3 ppb
29701	7
29702	6
29703	<5
29704	7
29705	6
29706	10
29707	6
29708	<5
29709	7
29710	21

BARRINGER LABORATORIES
BARRINGER / ACCURASSAY LABORATORIES
THUNDER BAY DIVISION

1070 LITHIUM DRIVE
UNIT 2
THUNDER BAY, ONTARIO
P7B 6G3
PHONE: 807-623-6440
FAX: 807-623-6629

26-May-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project: MCKENZIE GRAY

PO #:

Received: 25-May-92 08:17

Job: 924158T

Status: Preliminary

Core Samples

Sample	Au FA/AA3 ppb	Au Calc. oz/T
#35	14190	0.414
#36	359	0.010
#37	1794	0.052
#38	5465	0.159
#39	258	0.008
#40	86	0.002
#41	2762	0.081
#42	11940	0.348
#43	8792	0.256

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORIES SERVICES LTD.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448 FAX 623-6820

8-Jun-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

PO #:

Received: 27-May-92 15:19

Job: 924176T

Status: Final

Core Samples

Sample	Au FA/AA3 ppb	Ag AA ppm
#44	7	0.8
#45	28	---
#46	<5	---
#47	10	---
#48	15	---
#49	25	---
#50	49	---
#51	9	---
#52	<5	---
#53	15	---
#54	7	---
#55	802	---
#56	284	---
#57	120	---
#58	440	---
#59	229	---

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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448 FAX 623-6820

8-Jun-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

PO #:

Received: 1-Jun-92 07:54

Job: 924192T

Status: Final

Core Samples

Sample	Au FA/AA3 ppb	Au Calc. oz/T	Ag AA ppm
#60	10990	0.321	---
#61	536	0.016	---
#62	151	0.004	---
#63	177	0.005	11.2
#64	15	<0.001	---
#65	6	<0.001	---
#66	<5	<0.001	---
#67	<5	<0.001	---
#68	790	0.023	6.4
#69	45	0.001	---
#70	169	0.005	---
#71	58	0.002	---
#72	13	<0.001	---
#73	85	0.002	---
#74	7	<0.001	---
#75	593	0.017	---
#76	422	0.012	---
#77	569	0.017	---
#78	16	<0.001	---
#79	45	0.001	---
#80	79	0.002	---
#81	13	<0.001	---
#82	21	<0.001	---

Rock Samples

#83	1319	0.038	---
#84	1503	0.044	---

30-Jun-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Claude Larouche
Project:

PO #:

Received: 29-Jun-92 08:48

Job: 924300T

Status: Final

Core Samples

Sample	Au FA/AA3 ppb
476	6
477	27
478	144
479	754
480	48
481	71
482	21
483	587
484	97
485	279
486	33
487	22
488	119
489	13
490	50
491	<5
492	86
493	37
494	<5
495	<5
496	114

ACCURASSAY LABS
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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

6-Jul-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

Received: 3-Jul-92 06:12
PO #:

Job: 9243221

Status: Final

Rock Samples

Sample	Au FA/AA3 ppb
35497	16
35498	156
35499	12
35500	10
29885	6
29886	13
29887	15
29888	6
29889	6
29890	7
29891	9
29892	70
29893	39

9-JUL-92

NIPIGON GOLD
c/o Mr. Claude Larouche
O/O Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

Received: 7-JUL-92 07:15
PO #:

Job: 9243301

Status: Preliminary

Core Samples

Sample Id	Au FA/AA3 ppb
894	1746
95	10
96	25
897	40
98	107
99	261
900	119
451	64
52	6475
53	1337
54	5881
55	1592
456	18
57	2044
58	1040
926	108
927	39
28	661
929	22
930	49
31	15
932	12
33	12
34	10
935	9
936	13
37	19
938	12

93-13 [illegible] — 3.3' 0.057

93-14 [illegible] — 3.4' 0.19
[illegible] — 1.8' 0.04
[illegible] — 5.0 — 0.17
[illegible] — 3.5 — 0.05
[illegible] 4.5 — 0.06

9-Jul-92

NIPIGON GOLD
C/o Mr. Claude Larouche
O/O Lithium Drive, Unit 1
Thunder Bay, ON
P/B 6G3

Page: 2
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

Received: 7-Jul-92 07:15
PO #:

oo: 9243301

Status: Preliminary

Core Samples

Sample Id	Au FA/AA3 ppb
939	19
40	31
41	12
942	12
43	33
44	27
945	15
946	15
47	16

Rock Samples

..CS expected	61/

ACCURASSAY LABS
A DIVISION OF ASSAY LABORATORIES SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
(807) 623-6448 FAX 623-6820

24-Jul-92

NIPIGON GOLD
c/o Mr. Claude Larouche
1070 Lithium Drive, Unit 1
Thunder Bay, ON
P7B 6G3

Page: 1
Copy: 1 of 1
Set : 1

Attn: Mr. Claude Larouche
Project:

PO #:

Received: 20-Jul-92 14:26

Job: 924377I

Status: Final

Core Samples

Sample	Au FA/AA3 ppb
35459	21
35460	199
35461	91
35462	<5
35463	<5
35464	7

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Assay Certificate

2W-0760-PA1

Company: NIPIGON GOLD RESOURCES INC
Project: C/O OVALBAY GEO SERVICES INC
Attn: CLAUDE LAROUCHE

Date: JUL-29-92

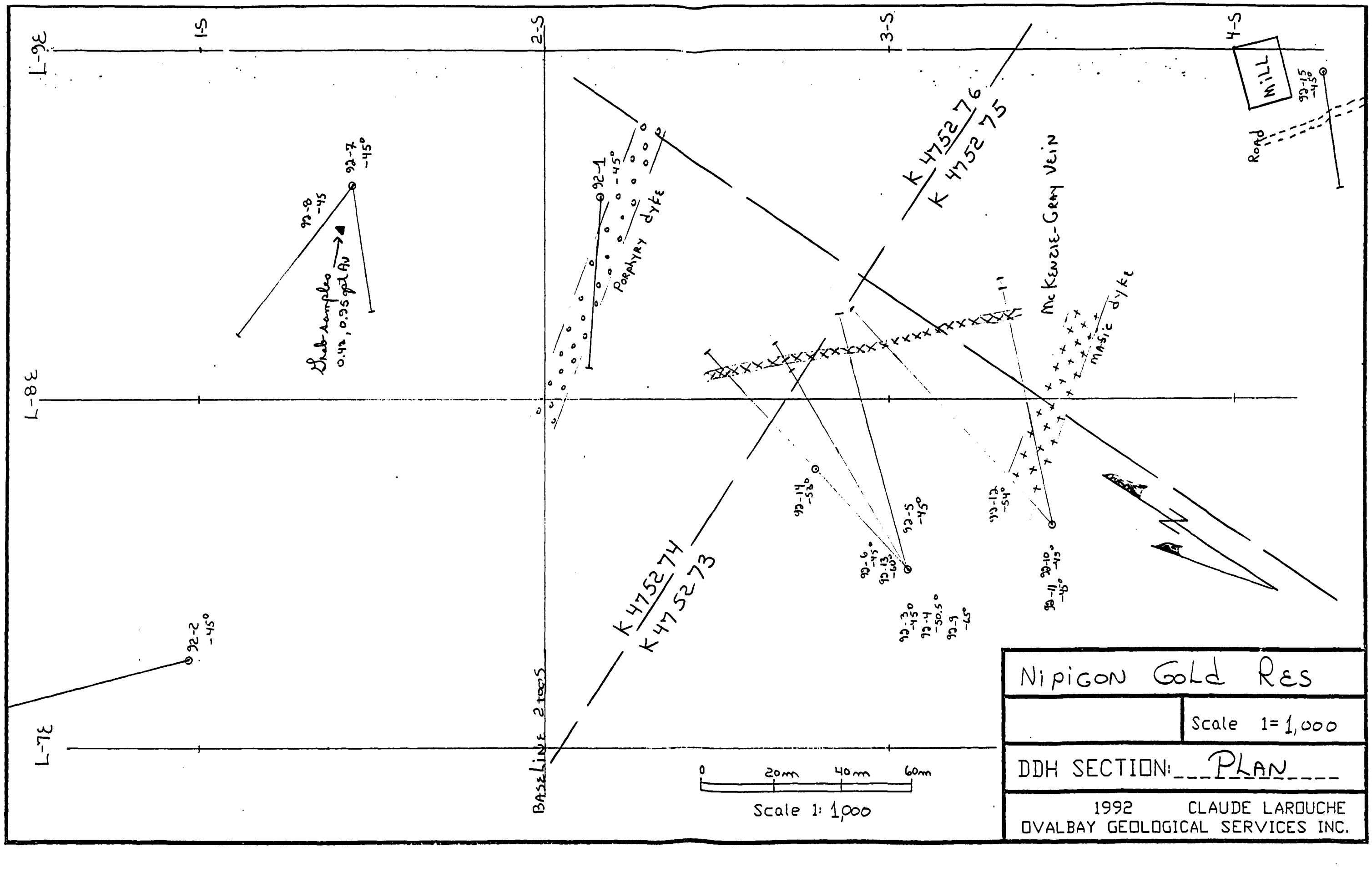
Copy 1. 1070 LITHIUM DR #1
2. THUNDER BAY, ONTARIO P7B 6G3
3. FAX TO 807-623-2335

We hereby certify the following Assay of 15 PULP samples submitted JUL-24-92 by .

Sample Number	Au oz/ton	Au check oz/ton
37	0.048	
43	0.329	
60	0.372	0.360
76	0.020	
77	0.024	
455	0.040	0.046
457	0.028	
458	0.030	
477	0.002	
478	0.016	
484	0.004	
485	0.004	0.006
894	0.054	
928	0.030	
944	0.002	

Certified by Donna Gardner

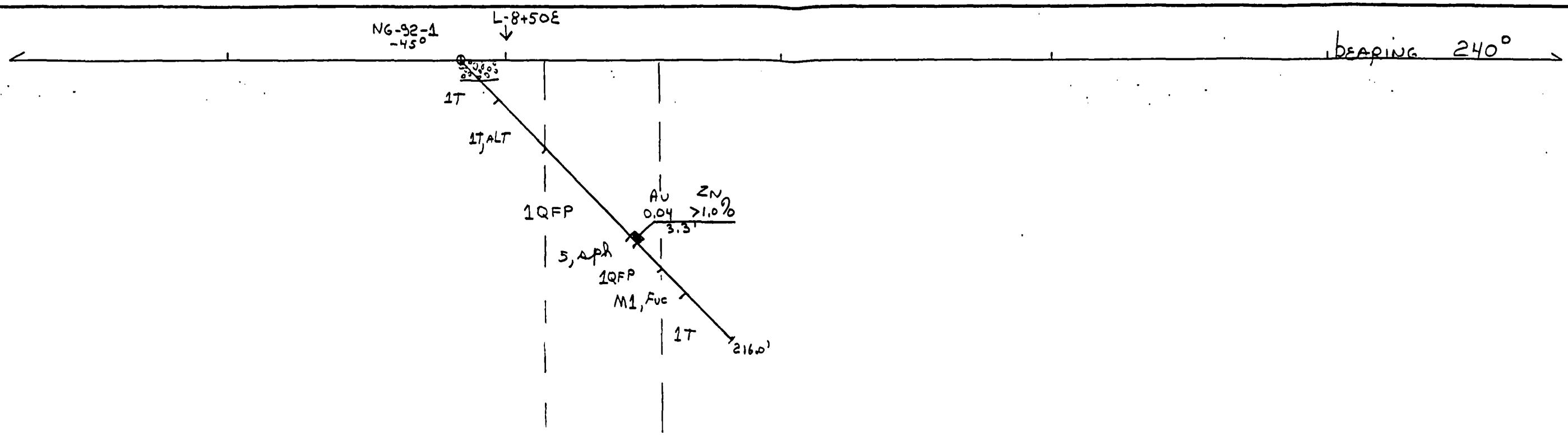
P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Nipigon Gold Res

Scale 1= 1,000

DDH SECTION: PLAN



1T = TRONDHJEMITE
ALT: ALTERED
1QFP = QUARTZ FELDSPAR PORPHYRY
5 = QUARTZ VEIN
Sph: SPHALERITE
M1 = SCHIST
Fuc: fuchsite

Au OPT / Zn % / WIDTH FEET

Claim: K-475274

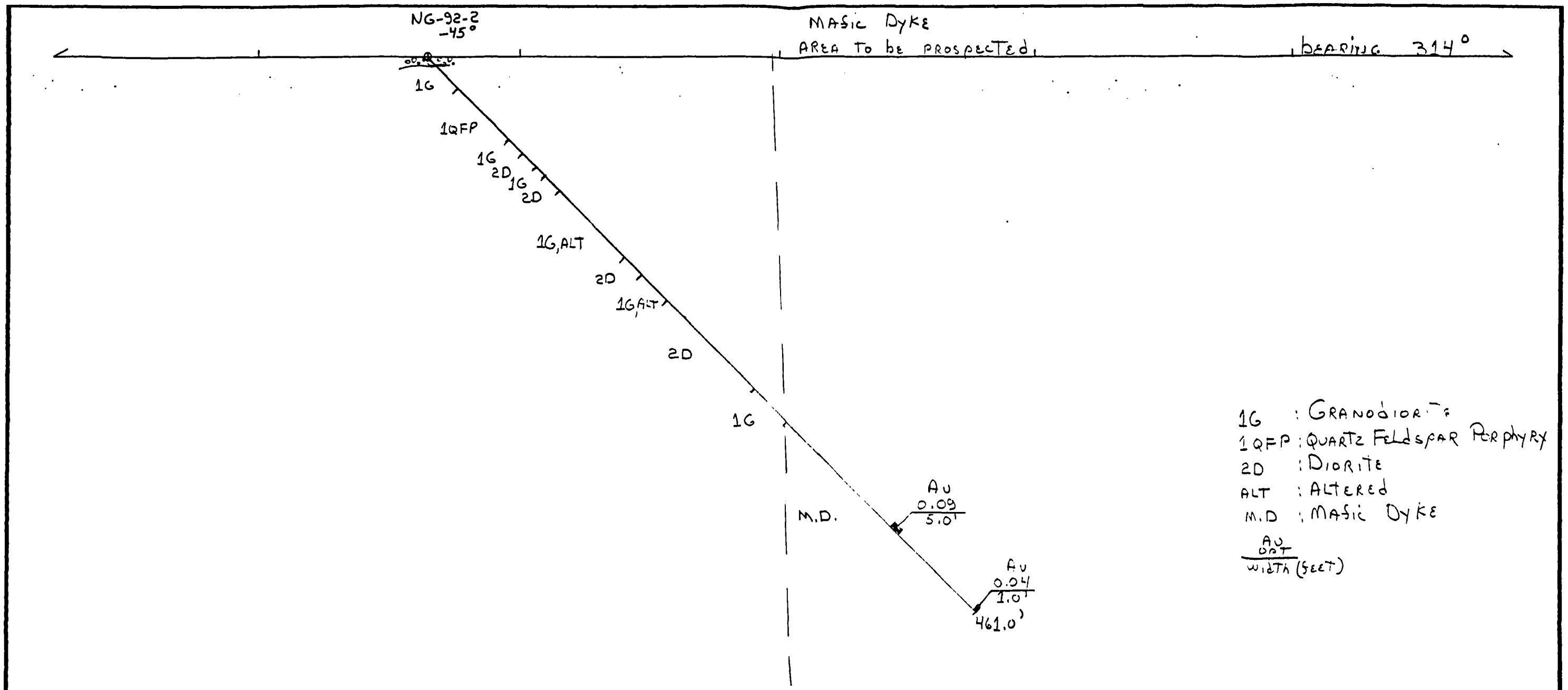
0 50' 100' 150'
Scale 1" = 60'

NIPIGON GOLD RES.

MCKENZIE - GRAY	Scale 1= 720

DDH SECTION: NG-92-1

DECEMBER 1992 CLAUDE LAROUCHE
OVALBAY GEOLOGICAL SERVICES INC.



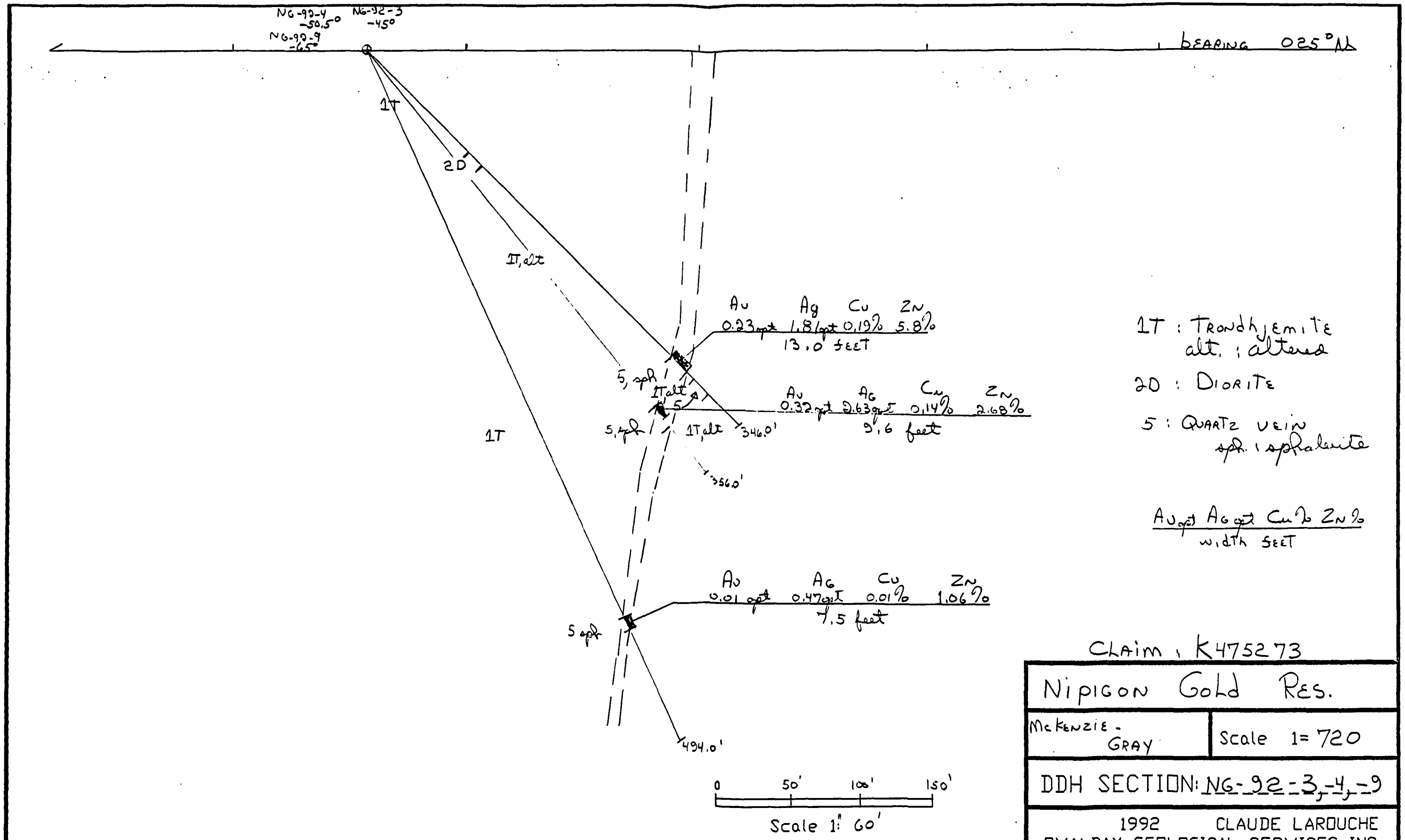
CLAIM: K-475274

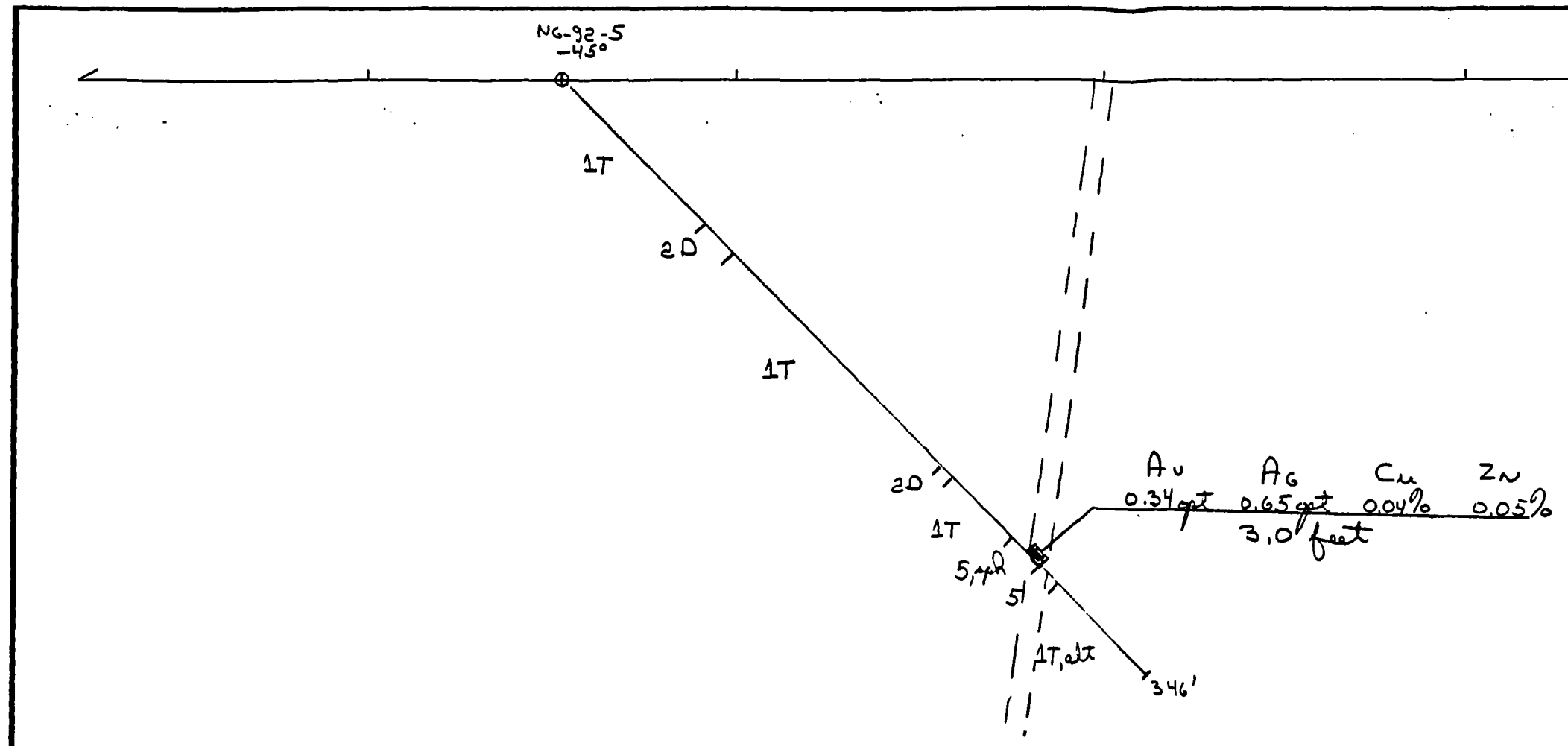
NIPIGON GOLD RES.

McKENZIE-GRAY	Scale 1= 720

DDH SECTION: NG-92-2

DECEMBER 1992 CLAUDE LAROUCHE
OVALBAY GEOLOGICAL SERVICES INC.


NG-92-4
-50,5°
NG-92-3
-45°
NG-92-9
-65°
BEARING 025° AZ
1T
2D
IT,alt
Au Ag Cu Zn
0.23 opt 1.8 opt 0.19% 5.8%
13.0 FEET
5, sph
IT,alt
5
Au Ag Cu Zn
0.32 opt 2.63 opt 0.14% 2.68%
9.6 feet
5, sph
1T,alt
346.0'
1T
356.0'
Au Ag Cu Zn
0.01 opt 0.47 opt 0.01% 1.06%
4.5 feet
5 sph
494.0'
0 50' 100' 150'
Scale 1: 60'
1T : TRONDHJEMITE
alt. : altered
2D : DIORITE
5 : QUARTZ VEIN
sph. : sphalerite
Au opt Ag opt Cu% Zn%
WIDTH FEET
CLAIM : K475273
NIPIGON GOLD RES.
McKENZIE - GRAY
Scale 1= 720
DDH SECTION: NG-92-3,-4,-9
1992 CLAUDE LAROUCHE
OVALBAY GEOLOGICAL SERVICES INC.



1T: TRONDHJEMITE
alt: altered
2D: DIORITE
5: QUARTZ VEIN
sph: sphalerite

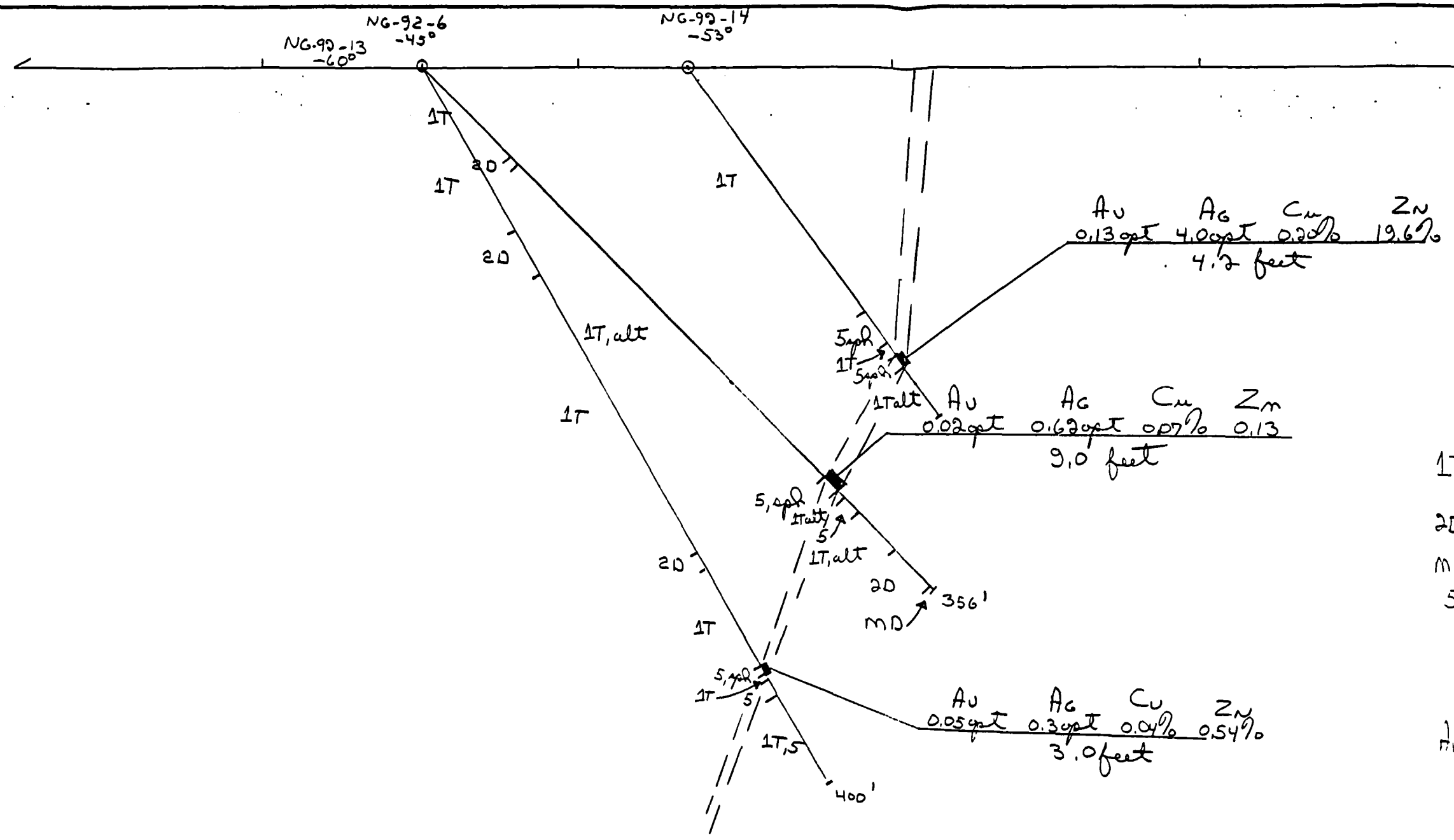
0 50' 100' 150'
Scale 1" 60'

CLAIM: K 475273

NIPIGON GOLD RES.

McKENZIE - GRAY	Scale 1=720

DDH SECTION: NG-92-5

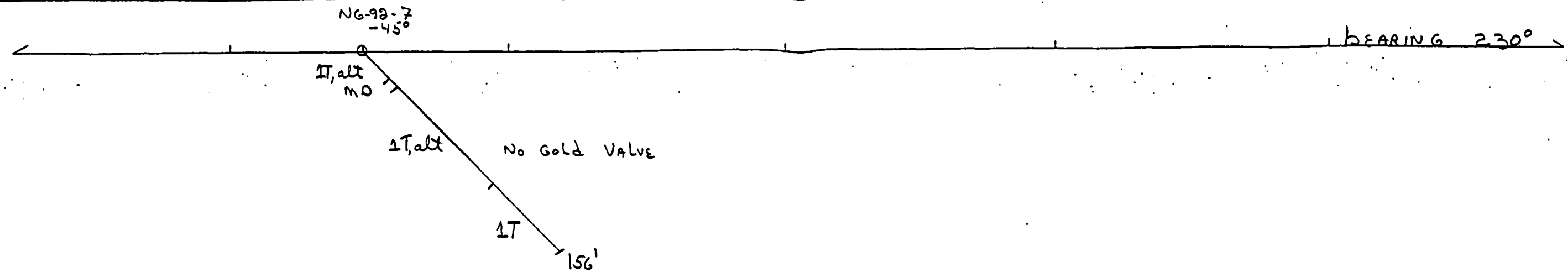


1T: Tronchjemite
alt.: altered
2D: Diorite
M.D.: Mafic Dyke
5: Quartz vein
spl.: sphalerite

Hi opt Ag and Cu % Zn %
width feet

Claim: K 475273

Nipigon Gold Res.	
McKenzie - Gray	Scale 1= 720
DDH SECTION: NG-92-6-13-14	
1992 CLAUDE LAROUCHE OVALBAY GEOLOGICAL SERVICES INC.	

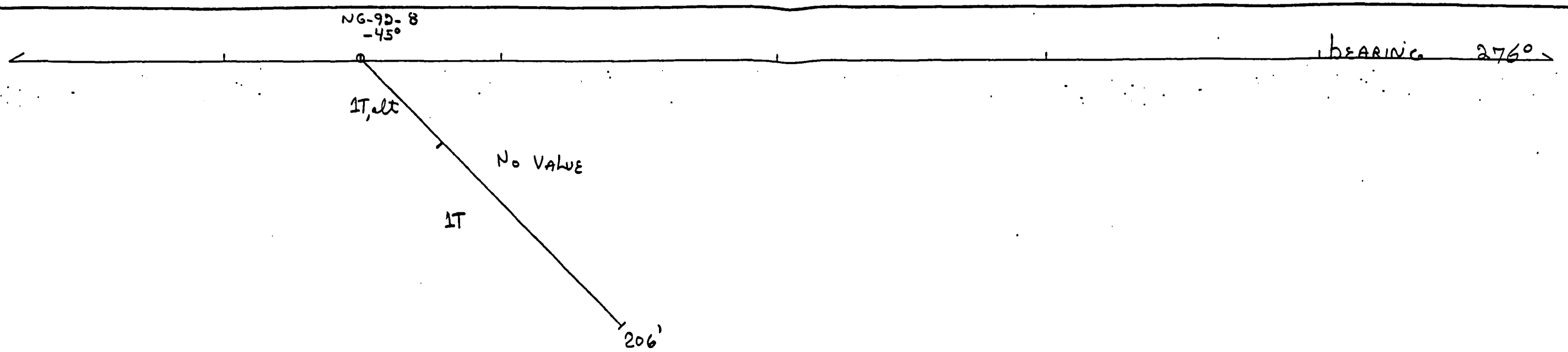


1T: Trondhjemite
alt.: Altered
MD: Mafic Dyke

0 50' 100' 150'
Scale 1" 60'

Claim K: 475274

Nipigon Gold Res	
McKenzie-Gray	Scale 1=720
DDH SECTION: NG-92-7	
1992 CLAUDE LAROUCHE OVALBAY GEOLOGICAL SERVICES INC.	

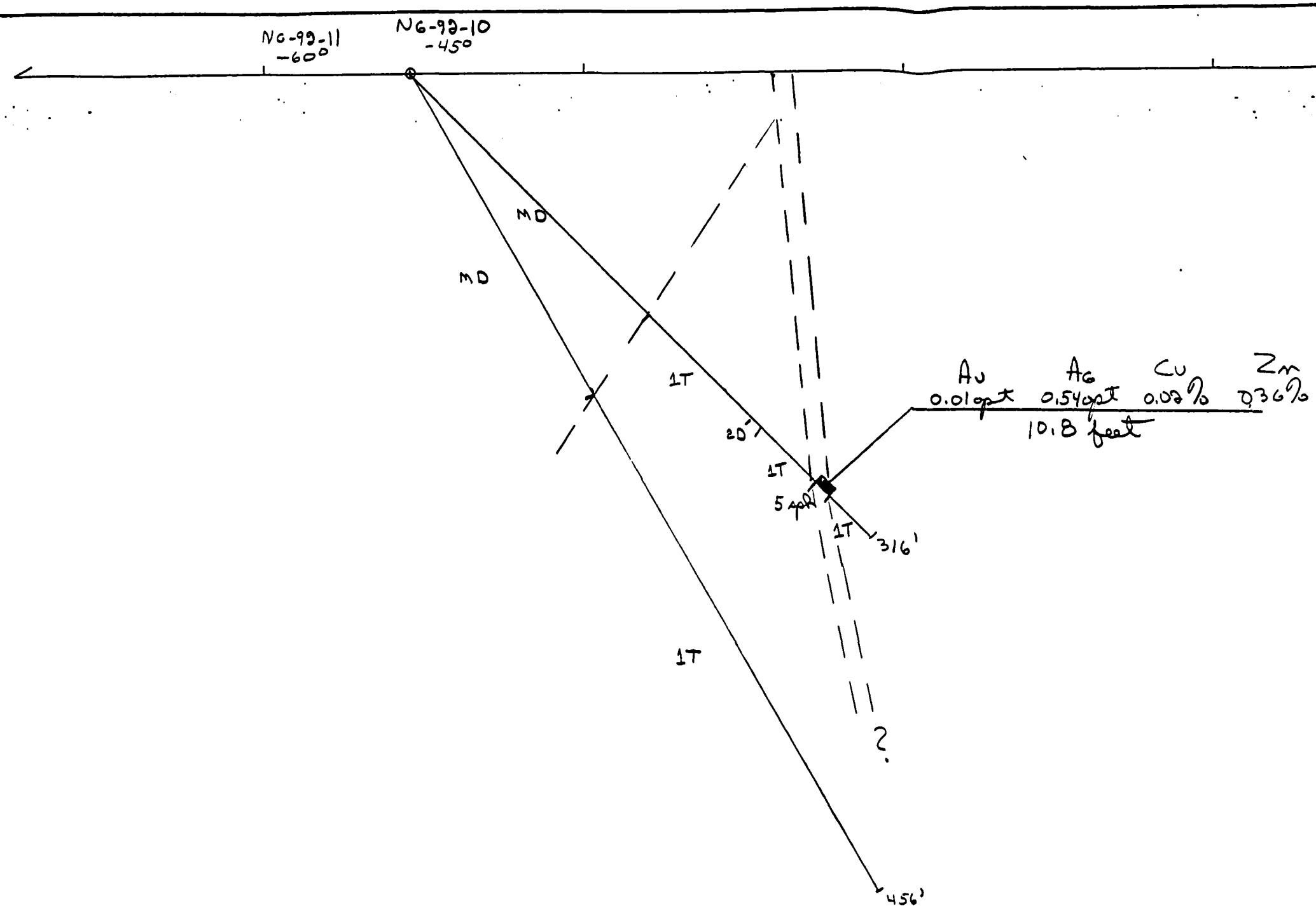


1T : TRONDHJEMITE - TONALITE
alt : Altered

0 50' 100' 150'
Scale 1" 60'

CLAIM K: 4752 74

NIPIGON GOLD RES	
MCKENZIE - GRAY	Scale 1= 720
DDH SECTION: NG-92-8	



CLAIM K: 475273

NIPIGON GOLD RES	
MCKENZIE-GRAY	Scale 1= 720
DDH SECTION: NG-92-10,-11	

NG-92-12

BEARING 013°

MD

1T

MD

1T

MD

1T

5

1T

5, qtz

1T, alt

1T

486'

Low values

MD: Mafic dyke
1T: Trondhjemite
alt: altered
5: Quartz vein
qtz: quartzite

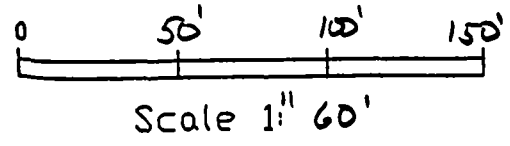
0 50' 100' 150'

Scale 1" 60'

CLAIM #: 4752 73

Nipigon Gold Res	
McKenzie - Gray	Scale 1= 720
DDH SECTION: NG-92-12	
1992 CLAUDE LAROUCHE OVALBAY GEOLOGICAL SERVICES INC.	

1T: TRONDHJEMITE
2D: DIORITE



CLAIM: 475275

NIPIGON GOLD RES

MCKENZIE - GRAY	Scale 1= 720

DDH SECTION: NG 92-15

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-1
SHEET: 1 of 7

1 COMPANY : NIPIGON GOLD RESOURCES
TOWNSHIP: McKENZIE - GRAY
PROJECT NO:
CLAIM NO: K475274
HOLE NO: NG-92-1
REMARKS: Target, McKenzie - Gray extension

COORDINATE: L-8+58E 2+16S
ELEVATION:
BEARING: 240°
DIP: -45°

Core stored on property

2 LENGTH : 216'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO: 21
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED: May 16th, 1992
COMPLETED : May 17th, 1992
CORE SIZE : BQ
DRILLED BY: FORAGE DOMINIK (1981) INC.

BY: _____
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # Trou no: NG-92-1

From De	To A	DESCRIPTION	analyse no.	de	à	longueur	Au ppb	Zn	Cu
			assay #	from	to	length			
0	14.0	OVERBURDEN							
14.0	20.5	TONALITE (RED) coarse grained, massive, hematite alteration, reddish colour, foliation at 30° CA, locally 5% pyrite disseminated, core locally fractured (rusty) slightly brecciated with chlorite minor carbonate, 15% amphiboles. 18.9 - 20.5 contact zone, inclusions of fine grained grey tonalite, quartz carbonate stringers.							
20.5	31.5	GREY TONALITE fine grained, fairly massive highly fractured, brecciated + silicified upper contact at 30° CA, abundant quartz - carbonate veins also brecciated locally rusty fractures. 1 - 3%disseminated pyrite carbonated, foliation and mine faults with gauge material oriented at 030° CA.	29701 29702	19.7 28.2	23.0 31.5	3.3 3.3	7 6		
31.5	51.2	ALTERED TONALITE GREY COLOUR medium to coarse grained, highly schistose and foliated, at 030° CA, silicified, carbonated, minor disseminated pyrite, few quartz carbonate stringers almost parallel to schistosity.	29703	46.9	50.2	3.3	< 5		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-1
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	% Zn	Cu
			assay #						
50.2	68.4	SCHISTOSE TONALITE GREEN COLOUR fine to medium grained, highly schistose texture destroyed, locally sericite schist locally green micas (fuchsite) highly carbonated, minor disseminated pyrite, numerous quartz - carbonate veinlets from 5° to 30° CA, chloritic fractures at low angle to core.	29704 29705 29706	50.2 61.8 65.1	53.5 65.1 68.4	3.3 3.3 3.3	7 6 10		
68.4	158.3	QUARTZ PORPHYRY fine to medium grained, massive, pinkish colour large up to 1 cm quartz crystals, angular, rounded, broken, highly altered (sericite hematite). 68.4 - 70.2 rich in sericite, foliation at 20° CA minor pyrite, possibly tourmaline stringers long upper contact. 70.2 - 73.5 highly sericitic, beige colour locally badly broken, minor pyrite, small patches of fuchsite.	29707	70.2	73.5	3.3	6		
		73.5 - 86.0 minor quartz stringers, brecciated 11° CA fuchsite patches along with minor pyrite. 86.0 - 96.0 few inclusions and patches of fuchsite schist, minor pyrite, few fractures at low angle to core.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-1
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Zn	Cu
			assay #						
		96.0 - 106.0 minor quartz - carbonate chlorite along fractures. 106.0 - 116.0 few quartz - carbonate stringers parallel to core, 1% disseminated pyrite cubes.	29708	106.0	109.6	3.6	5		
		116.0 - 126.0 locally badly broken, hematite along fractures, locally more sericite generally silicified, carbonated minor pyrite, quartz + galena stringers at low angle to core at 38.0 m.	29709	122.7	126.0	3.3	7		
		126.0 - 129.3 carbonatized, silicified, few hair like quartz stringers at 30° CA, sericite alteration, one quartz - sphalerite (10%) patches vein 2.5 cm wide, irregular contacts.	29710	126.0	129.3	3.3	21		
		129.3 - 132.5 quartz stringers parallel to core, minor pyrite disseminated.	29711	129.3	132.6	3.3	6	200	14
		132.5 - 135.8 irregular quartz - carbonate vein up to 2 cm wide parallel to core, numerous irregular quartz stringers highly sericitized, pyrite along fractures minor pyrite + sphalerite in quartz vein + some galena.	29712	132.5	135.8	3.3	8	3000	26

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-1
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	% Zn	Cu
			assay #						
		135.8 - 139.1 irregular quartz vein 2.5 cm and up in width, oriented at low angle to core, large patches of honey sphalerite, minor disseminated pyrite.	29713	135.8	139.1	3.3	1200 0.035	>10000	32
		139.1 - 142.4 fairly massive patch of grey quartz with minor pyrite + galena ?.							
		142.4 - 145.7 grey quartz stringers irregular orientation at low angle to core, also block of quartz in porphyry, minor galena within quartz veins.	29714	142.4	145.7	3.3	7		
		145.7 - 149.0 as above 10% grey quartz broken vein.	29715	145.7	149.0	3.3	5		
		149.0 - 152.2 few quartz vein, broken pieces sericite alteration.	29716	149.0	152.2	3.2	5		
		152.2 - 158.3 Sericite alteration, patches of fuchsite, trace disseminated pyrite, irregular quartz stringers at 30° CA, core locally partly broken.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-1
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Zn	Cu
			assay #						
158.3	176.0	FUCHSITE - ALTERED ZONE							
		158.3 - 161.5							
		ripper contact oriented at 60° CA, rock is composed of altered feldspar quartz crystal, 20% fuchsite, sericite and carbonate, 1% disseminated pyrite cubes, hematite alteration also very strong along fractures, abundant small tourmaline needles (1-5% ?), reddish quartz stringers at low angle to core.	29717	158.3	161.5	3.2	< 5		
		161.5 - 164.8							
		as above, fractures at low angle to core, core locally badly broken.	29718	161.5	164.3	3.3	< 5		
		164.8 - 176.0							
		rich in fuchsite + tourmaline more massive less more massive less schistose, pinkish veinlets at low angle to core, small pinkish patches well disseminated, minor pyrite.							
176.0	216.0	ALTERED TRONDHJEMITE (salmon colour)							
		176.0 - 190.9							
		fairly massive, medium grained, quartz crystals up to 2 mm across, sericite + fuchsite alteration with reddish (hematite or carbonate) alteration defining schistosity at 25° CA.							
		Few quartz - carbonate veinlets at low angle to core, locally brecciated silicified with patches of pyrite.	29719	187.0	190.9	3.9	9		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-1
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Zn	Cu
			assay #						
		190.9 - 195.9 as above.							
		195.9 - 200.0 rusty highly brecciated (fault zone) trondhjemite highly altered, with patches of more schistose fine grained material weak foliation at 35° CA.	29720	196.8	200.0	3.2	13		
		200.0 - 216.0 highly altered, zone of fine grained material, few stringers of chlorite, minor disseminated pyrite, irregular quartz vein (grey) at end of hole.	29721	201.7	205.0	4.3	< 5		
		216.0 END OF HOLE							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-2
SHEET: 1 of 14

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475274
HOLE NO: NG-92-2

COORDINATE : L-7+25E 0+96S
ELEVATION:
BEARING: 314°
DIP: -45°
REMARKS: Jolly Rodger Vein
Core stored on property

2 LENGTH : 461'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO: 18
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST		TROPARI		
DEPTH	ROG	DEPTH	BEARING	DIP

4 COMMENCED: May 17th, 1992
COMPLETED : May 19th, 1992
CORE SIZE : BQ
DRILLED BY: FORAGE DOMINIK (1981) INC.

BY: _____
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:
Page no: 2 of 14

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
0	6.0	OVERBURDEN							
6.0	25.0	GRANODIORITE (REDDISH) massive, coarse grained, reddish colour, minor quartz, reddish feldspaths, 15% to 20% green amphiboles, core locally badly broken, slightly silicified and carbonated, few quartz - carbonate stringers at 45° CA. Trace disseminated pyrite, becomes foliated and brecciated toward 25.0.							
25.0	67.1	QUARTZ EYE PORPHYRY pinkish colour, massive, large up to 1 cm quart eyes. 25.0 - 34.0 upper contact oriented at 35° CA, generally schistose and brecciated, chloritic, fractures at low angle to core, core locally badly broken, highly altered. 34.0 - 43.0 schistose at 41° CA, large quartz eyes + quartz crystals within matrix, chloritic fractures at low angle to core, quartz - carbonate stringers at low angle to core.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		43.0 - 62.0 becomes greenish in colour, strongly foliated to schistose, few inclusions of felsic material, locally possibly green mica, chloritic fractures at 20° to 40° CA, minor disseminated pyrite. 62.0 - 67.1 highly sheared and altered abundant chloritic fractures at 40° CA. Sharp lower contact oriented at 42° CA.							
67.1	78.8	SHEARED GRANODIORITE medium grained, grey green colour, highly brecciated with quartz carbonate cement, schistosity at 45° CA. 67.1 - 71.0 more mafic, few pieces of broken quartz. 71.0 - 78.8 more silicious, still highly brecciated, abundant rusty fractures, quartz carbonate matrix cementing blocs, some fractures parallel to core, trace of pyrite, irregular [illegible] of quartz vein.							
78.8	90.0	SHEARED DIORITE dark grey green in colour, fine to medium grained, highly schistose at 45° CA, abundant chlorite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		78.8 - 81.0 gauge material at 79 feet, 1 cm wide parallel to schistosity at 45° CA, few brecciated quartz - carbonate stringers. 81.0 - 86.0 highly schistose at 45° CA, rusty fractures, core locally badly broken, irregular brecciated quartz carbonate stringers. 86.0 - 90.0 highly chloritic, trace of pyrite.							
90.0	97.2	SHEARED GRANODIORITE grey green medium to coarse grained altered and sheared, brecciated, trace of pyrite, carbonated, chloritic blebs parallel to schistosity at 45° CA.							
97.2	110.5	SHEARED DIORITE dark grey green, fine to medium grained. 97.2 - 103.0 highly sheared at 45° CA, silicified, carbonated, chlorite sericite alteration, trace of pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
		103.0 - 106.0	assay #						
		gneissic in places.							
		106.0 - 110.8							
		few blebs of pyrite, highly altered and schistose.	29722	106.0	110.8	4.8	< 5		
110.8	166.2	ALTERED GRANODIORITE							
		coarse grained, massive.							
		110.8 - 115.8							
		upper contact at 45° CA, trace of pyrite, sericite, chlorite and hematite alteration.	29723	110.8	115.8	5.0	< 5		
		115.8 - 131.0							
		silicified, carbonated, brecciated chloritic fractures, at low angle to core, schistosity - foliation 45° CA.							
		131.0 - 158.0							
		brecciated altered, narrow quartz carbonate tourmaline stringer at 155.9 oriented parallel to schistosity at 45° CA, chloritic blebs within stringer 1 cm wide, few other quartz - carbonate stringers parallel to core.							
		158.0 - 166.2							
		few reddish quartz carbonate stringers and vein from 60° to 90° CA, few grey quartz + tourmaline stringers at 45° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
166.2	181.3	ALTERED DIORITE grey green, highly foliated and schistose silicified, carbonated, few rusty fractures. quartz carbonate tourmaline stringers at 40° CA, trace of pyrite.							
181.3	202.8	ALTERED GRANODIORITE grey coarse grained highly brecciated. 181.3 - 187.1 highly brecciated with quartz carbonate hair like stringers few grey quartz - carbonate tourmaline veinlets highly chloritic, trace of pyrite. 187.1 - 193.0 brecciated, highly carbonated 193.0 - 197.0 highly silicified with numerous quartz carbonate stringers at 45° to 60°. 197.0 - 202.0 highly silicified, few grey quartz + carbonate + tourmaline at 55° CA, 1-3% disseminated pyrite close to stringers.	29724	197.0	202.0	5.0	6		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
202.8	215.0	CONTACT ZONE DIORITE - GRANODIORITE irregular contact between altered granodiorite and diorite, large patches of chlorite, chloritic fractures, highly brecciated numerous quartz - carbonate locally tourmaline stringers, 1-3% disseminated pyrite within mainly granodiorite original texture of the rock has been badly deformed.	29725	211.5	215.0	3.5	6		
215.0	274.0	DIORITE medium grained, massive, grey in colour quartz, feldspar + green amphiboles; feldspar look slightly porphyritic. 215.0 - 226.0 highly fractured, slightly brecciated, abundant grey quartz carbonate stringers at 30° CA but irregular, chloritic fractures at 20° CA, pyrite cubes disseminated. 226.0 - 230.0 slightly silicified and carbonated. 230.0 - 239.0 brecciated silicified and carbonated few pinkish quartz vein, chloritic fractures at low angle to core. 239.0 - 243.0 numerous grey to white quartz veins at 45° to 60° CA, pyrite cubes disseminated within wall rock (up to 3%), also pyrite cubes at contact of veins along with grey mineral + tourmaline diorite is highly sericitized.	29844	239.0	243.0	4.0	7		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		243.0 - 258.0 fairly massive in places, generally altered silicified, zones with abundant, quartz carbonate - tourmaline stringers at 60° CA, chloritic fractures at 30° CA, minor disseminated pyrite. 258.0 - 272.0 as above, locally up to 3% disseminated pyrite. 272.0 - 274.0 more carbonated and silicified.							
274.0	303.3	GRANODIORITE coarse grained, abundant quartz and pinkish feldspars. 274.0 - 275.0 pinkish quartz vein (6 inches) with large patches of pyrite cut by quartz carbonate tourmaline fracture.	29847	274.0	275.0	1.0	10		
		275.0 - 277.0 highly altered, silicified carbonated sericitized, minor disseminated pyrite. 277.0 - 282.0 abundant pinkish quartz veins generally at 50° CA, pinkish quartz contains minor pyrite along fractures and is cut by grey to white quartz. Minor grey mineral along fractures (molybdenite) up to 3% pyrite within granodiorite.	29845	277.0	282.0	5.0	28		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		282.0 - 284.0 as above. core locally badly broken, minor tourmaline ? along fractures in quartz vein.	29846	282.0	284.0	2.0	< 5		
		284.0 - 286.0 highly altered. abundant "rosy" feldspar minor quartz - carbonate - pyrite stringers at 60° CA, minor disseminated pyrite.							
		286.0 - 296.0 carbonated. reddish feldspars. brecciated with carbonate stringers chloritic fractures filled with quartz carbonate, pyrite stringer between 2 fractures at 90° from fractures pinkish red quartz + carbonate vein at 45° CA, tourmaline ? at contacts.							
		296.0 - 303.3 becomes highly altered, carbonated silicified and chloritized, minor disseminated pyrite. lower contact at 45° CA sharp.							
303.3	461.0	MAFIC DYKE fine to medium grained, massive, dark grey, green in colour, highly carbonated.							
		303.3 - 306.5 contact zone with one dike of granodiorite or inclusion, quartz - carbonate - tourmaline vein 4 cm wide at 306.0, minor pyrite, vein at 40° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		306.5 - 315.0 numerous irregular quartz carbonate stringers, mafic dyke brecciated, trace disseminated of pyrite. 315.0 - 330.0 composition of quartz, feldspar, carbonate amphiboles and pyrite (up to 5%) fairly massive rare stringers. 330.0 - 335.0 pinkish quartz, grey quartz, carbonate vein 4 inches wide at 333.0, vein at 45° CA. 335.0 - 340.0 highly sheared at 45° CA, 30% grey quartz - carbonate - tourmaline chlorite veins broken up and folded, zone of heavy silicification and pyritization.	23648	335.0	340.0	5.0	15		
		340.0 - 345.5 magnetic, few irregular quartz carbonate veins and stringers rich in pyrite. 345.5 - 358.5 zones highly carbonatized, zones highly silicified with quartz - carbonate pyrite veinlets oriented at 45° CA, narrow fault at 353.0 with gauge material 1 cm oriented at 45° CA, minor magnetite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
		358.5 - 361.0	assay #						
		few white quartz to grey quartz veins at 45° CA.							
		361.0 - 366.0							
		large silicified and pyritized patches with grey quartz stringers and minor pyrite magnetite is present.							
		366.0 - 373.0							
		carbonatization with more chloritic bands define a foliation at 45° CA. few irregular silicified and pyritized patches, few quartz - carbonate stringers.							
		373.0 - 378.0							
		as above.							
		378.0 - 380.0							
		wide silicified and pyritized zone with irregular stringer of coarse pyrite.	29828	378.0	380.0	2.0	71		
		380.0 - 387.0							
		numerous silicified and pyritized zones with coarse pyrite stringers. rock is highly carbonated.							
		387.0 - 391.0							
		as above, becomes highly chloritic and schistose.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # Trou no: NG-92-2

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		391.0 - 396.0 chlorite schist with 65% "rosy" white quartz vein which contain abundant fragments of schist, pyrite and minor chalcopyrite mainly within schist material.	29829	391.0	396.0	5.0	2906 0.085		
		396.0 - 401.0 as above, one stringer at 397.0 rich in chalcopyrite over 1 cm, few fractures at low angle to core.	29830	396.0	401.0	5.0	376 0.011		
		401.0 - 416.0 core locally badly broken, numerous quartz carbonate irregular stringers, rare quartz - carbonate - pyrite stringers generally at 35° to 45° CA, 1-4% disseminated pyrite, minor magnetite.							
		416.0 - 431.0 fairly massive, highly carbonated, few quartz carbonate stringer locally rich in chalcopyrite (417.0 feet) magnetite all through, foliation from 20° to 50° CA, stringers generally parallel foliation but are also folded, no pyrite in stringers.							
		431.0 - 432.0 as above, "rosy" quartz vein at 432.0, 9 inches wide, minor disseminated chalcopyrite within "rosy" quartz which is brecciated and cemented by grey quartz + chlorite.	29849	431.0	432.0	1.0	25		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-2
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		434.0 - 436.0 chlorite schist with white quartz vein, minor pyrite within schist.	29831	434.0	436.0	2.0	28		
		436.0 - 441.0 numerous quartz - carbonate stringers large pyrite cubes within wall rocks.	29832	436.0	441.0	5.0	74		
		441.0 - 444.0 few zones highly silicified, disseminated magnetite through out, pyrite stringers cut by quartz - carbonate stringers, becomes more chloritic toward 444.0 with schistosity at 20° CA.							
		444.0 - 446.0 fold, schistosity locally parallel to core, pyrite cubes within schist.							
		446.0 - 452.0 75% quartz veining, 2 types, "rosy" and white, numerous quartz carbonate stringers pyrite is abundant within schist, minor chalcopyrite within quartz veins.	29850	446.0	452.0	6.0	49		
		452.0 - 454.0 as above.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-2

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
		454.0 - 459.0							
		zones highly silicified with numerous quartz - carbonate stringers, masses of pyrite, disseminated magnetite.	29833	452.0	454.0	2.0	154		
		459.0 - 461.0							
		as above, zone highly silicified and pyritized.	29834	459.5	460.5	1.0	1467 0.043		
		461.0							
		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-3

SHEET: 1 of 9

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-3

COORDINATE: L-7+50E 3+05S

ELEVATION:

BEARING: 025°

DIP: -45°

REMARKS: McKenzie - Gray Vein
Core stored on property

2 LENGTH : 346'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 10

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST		TROPARI		
DEPTH	RDG	DEPTH	BEARING	DIP

4 COMMENCED: May 19th, 1992

COMPLETED : May 21st, 1992

CORE SIZE : BQ

DRILLED BY: DOMINIK DRILLING (1981) INC.

BY:

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
0.0	6.0	OVERBURDEN							
6.0	95.0	TRONDHJEMITE							
		coarse grained, massive, greenish to pinkish in colour.							
		6.0 - 18.0							
		few chloritic fractures at low angle to core, feldspar are pinkish in colour for the first 5 feet slightly carbonated, trace of pyrite.							
		18.0 - 32.0							
		as above, sericite alteration locally, core partly broken in places, fractures at low angle to core, few quartz carbonate stringers at 45° CA.							
		32.0 - 46.0							
		rare grey quartz vein at 45° CA, large pyrite cubes close to the vein and also along fractures close to the vein.							
		46.0 - 54.0							
		more quartz carbonate stringers with chloritic margins.							
		54.0 - 58.0							
		rock becomes highly schistose and altered, silicified and carbonated, strong foliation at 50° CA, large grey to white quartz vein with abundant fragment of chlorite and chloritic trondhjemite, 1% disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur Length	Au ppb	Ag ppm	Cu Zn
			assay #						
		58.0 - 60.0 more massive, carbonated, few stringers at 80° CA, few chloritic fractures. 60.0 - 75.0 becomes highly altered, feldspar are white, foliation at 45° CA, quartz crystals more evident due to alteration of feldspar few quartz - carbonate tourmaline ? stringers, trace disseminated pyrite. 75.0 - 86.0 highly altered, silicified carbonatized, 1-3% pyrite, foliation at 45° CA, few irregular quartz - carbonate veinlets. 86.0 - 89.0 abundant angular to rounded fragments of quartz and quartz - carbonate within highly altered trondhjemite, large pyrite cube with chlorite on one side (down the hole, pressure shadows). 89.0 - 95.0 as above, large semi massive masses of pyrite with abundant chlorite.	73551	89.0	95.0	6.0	3		
95.0	106.0	DIORITE medium grained, fairly massive, carbonatized and locally silicified.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		95.0 - 103.0 few quartz - carbonate stringers, 1-3% disseminated pyrite. 103.0 - 106.0 slightly fractured, lower contact at 50° CA.							
106.0	283.0	ALTERED TRONDHJEMITE coarse grained highly altered. 106.0 - 117.0 carbonatized, foliation at 50° CA. 117.0 - 132.0 foliation at 45° CA, highly altered feldspars, carbonatized sericitized, slightly silicified with few quartz carbonate stringers. 132.0 - 146.0 minor disseminated pyrite, rare quartz carbonate pyrite stringers. 146.0 - 160.0 become less altered, some sericite on fractures, numerous quartz - carbonate stringers, few chloritic and pyritic fractures.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-3

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		160.0 - 166.0 as above. 166.0 - 175.0 fairly massive, blue quartz eyes 1% disseminated pyrite, brecciated with quartz - carbonate chlorite in fractures, numerous irregular quartz - carbonate stringers. 175.0 - 188.0 generally massive, but locally brecciated with numerous quartz - carbonate chlorite fractures oriented at 65° CA, large pyrite cubes in some stringers, one quartz carbonate tourmaline vein at 182.0 feet. 188.0 - 203.0 as above, very abundant quartz carbonate stringers at 70° CA, minor disseminated pyrite, few quartz - carbonate - chlorite veins. 203.0 - 217.0 few zones of finer grained material still highly brecciated with abundant quartz - carbonate chlorite stringers locally up to 3% disseminated pyrite. 217.0 - 232.0 as above, milky to blue quartz eyes, fine disseminated pyrite.	29852	227.0	232.0	5.0	< 5		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-3

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
		232.0 - 247.0 blue milky quartz eyes, locally highly silicified, generally brecciated, 1% disseminated pyrite, few zones of finer grained material. 247.0 - 261.0 highly altered with zone relatively fresh generally silicified carbonated, brecciated with abundant hair quartz - carbonate fractures, 1 to 2% disseminated pyrite. 261.0 - 270.0 as above. 270.0 - 275.0 highly sericitized, light green colour, minor disseminated pyrite also few blebs of pyrite in more silicified zones. 275.0 - 283.0 altered as before, foliation at 70° CA, locally close to sericite schist, minor disseminated pyrite.							
283.0	296.0	QUARTZ VEIN (McKENZIE GRAY) white and pinkish quartz, large blebs of sphalerite (honey and brown), masse of chalcopyrite, important gre, metallic mineral (tellurides).							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		283.0 - 287.0							
		about 20% sphalerite, 2% chalcopyrite and 1% grey tellurides forming irregular masses and stringers. Galena also present upper contact at 45° CA.	29835	283.0	288.0	5.0	14190 0.414	120.0	2200 8.93
		287.0 - 288.5							
		altered trondhjemite, minor disseminated pyrite.	29836	288.0	288.5	0.5	359 0.010		
		288.5 - 291.0							
		grey to white with "rosy" quartz large blebs of sphalerite mainly brown colour with chalcopyrite usually at the contact of the sphalerite but also as fine grains within sphalerite blebs and along fractures away from sphalerite.	29837	288.5	291.0	2.5	1794 0.052	51.6	1600 3.25
		291.0 - 296.0							
		as above, few inclusions of trondhjemite large masse of brown sphalerite at 296 over 4 inches, chalcopyrite mainly along fractures away from sphalerite, pyrite also abundant within vein locally.	29838	291.0	296.0	5.0	5465 0.159	16.0	1800 4.43
296.0	304.2	HIGHLY ALTERED TRONDHJEMITE							
		coarse grained [illegible] foliation at 70° CA, minor disseminated pyrite, carbonatized, few quartz carbonate stringers, irregular lower contact at 35° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
304.2	317.2	QUARTZ VEIN (EAST VEIN)							
		generally grey in colour, blueish tint to quartz, many inclusions of trondhjemite highly altered, minor pyrite, heavy molybdenite on some fractures.							
		304.2 - 307.8							
		50% quartz veining, minor pyrite.	29839	304.2	307.8	3.6	258 0.008	16.4	19 130
		307.8 - 313.0							
		quartz vein with minor pyrite, trace of chalcopyrite and molybdenite on fractures.	29840	307.8	313.0	5.2	86 0.002	22.8	24 33
		313.0 - 317.2							
		30% quartz veining as above, numerous inclusions highly pyritized, McKenzie Gray type vein at 314.0 feet over 6 inches with heavy sphalerite and chalcopyrite.	29841	313.0	317.4	4.4	2762 0.081	27.6	510 9600
317.2	346.0	ALTERED TRONDHJEMITE							
		coarse grained, highly sericitized numerous grey quartz fragments.							
		317.2 - 326.0							
		minor pyrite disseminated numerous quartz carbonate stringers in silicified zones.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-3
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		326.0 - 333.0 becomes highly sheared and silicified, trace of pyrite, shear zone with gauge material over 1 cm at 332.2 feet. Fault oriented at 50° CA, hematite staining close to fault with chloritic fractures. 333.0 - 341.0 highly altered, finer grained inclusions silicified with quartz carbonate stringers pyrite locally abundant 3% disseminated. 341.0 - 346.0 highly sericitized, irregular quartz stringers and fragments, carbonated, 2-3% disseminated pyrite, stringers at low angle to core.	29853	341.0	346.0	5.0	15		
		346.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-4
SHEET: 1 of 9

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475273
HOLE NO: NG-92-4

COORDINATE : L-7+50E 3+05S
ELEVATION:
BEARING: 025°
DIP: -50.5°
REMARKS:
Core stored on property

2 LENGTH : 356'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO: 9
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST		TROPARI		
DEPTH	RDG	DEPTH	BEARING	DIP

4 COMMENCED: May 21st, 1992
COMPLETED : May 23rd, 1992
CORE SIZE : BQ
Drilled by: DOMINIK DRILLING (1981) INC.

BY:
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-4

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
0.0	8.0	OVERBURDEN							
8.0	248.0	TRONDHJEMITE							
		coarse grained, fairly massive composed of quartz - feldspars - amphiboles.							
		8.0 - 18.0							
		locally core badly broken, trondhjemite brecciated in place, feldspar are reddish and white depending of alteration, trace of pyrite disseminated.							
		18.0 - 31.0							
		as above, few fractures at low angle to core, numerous quartz carbonate stringers generally oriented at 60° CA.							
		31.0 - 45.0							
		more massive, less altered, abundant quartz - carbonate stringers at 60° - 70° CA.							
		45.0 - 56.0							
		silicified, carbonated, few carbonated fractures at low angle to core, minor disseminated pyrite also semi massive pyrite stringer parallel to core, blue quartz eyes present, numerous quartz carbonate stringers at 70° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-4

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		58.0 - 73.0 becomes more silicified, carbonated and pyritized, locally brecciated with quartz - carbonate - chlorite tourmaline stringers well disseminated pyrite 1-4%. 73.0 - 78.0 highly sericitized, 3% pyrite disseminated. 78.0 - 88.0 highly silicified with abundant milky blue quartz eyes, 5% carbonates, 1-3% disseminated pyrite. 88.0 - 103.0 numerous inclusions of finer grained material, trondhjemite highly silicified carbonated, fine disseminated pyrite locally in patches, few quartz - carbonate - tourmaline stringers, pyrite patches are surrounded by much chlorite. 103.0 - 117.0 slightly silicified, highly carbonated foliation at 45° CA, sericite alteration of feldspar in places, few pinkish quartz carbonate stringers, minor disseminated pyrite, few rusty fractures. 117.0 - 132.0 as above, few chloritic fractures highly carbonated, slightly silicified few blue quartz eyes.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-4
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		132.0 - 146.0 inclusions of finer grained material, few chloritic fractures at low angle to core, some blue quartz eyes. 146.0 - 160.0 carbonatized, minor disseminated pyrite, some quartz - carbonate chlorite stringers at 50° CA. 160.0 - 175.0 fairly massive, less altered fractures at low angle to core with pyrite and chlorite, slightly carbonated few quartz carbonate stringers from 40° to 70° CA. 175.0 - 189.0 as above, locally highly sericitized few chloritic fractures, minor disseminated pyrite also present as patches becomes brecciated and carbonatized. 189.0 - 203.0 blue quartz eyes, silicified carbonated 1 to 2% disseminated pyrite. 203.0 - 216.0 few inclusions of finer grained material brecciated and carbonatized few quartz pyrite stringers at low angle to core.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-4

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		218.0 - 232.0 blue quartz eyes, generally silicified and carbonatized minor pyrite, few quartz carbonate stringers in highly silicified zones. 232.0 - 246.0 as above, few fractures at low angle to core, minor inclusions of finer grained material, locally heavy pyrite along fractures. 246.0 - 248.0 as above.							
248.0	253.0	DIORITE grey, fine to medium grained massive gradational contacts, few quartz carbonate stringers.							
253.0	298.4	TRONDHJEMITE as before. 253.0 - 261.0 few inclusions of finer grained material, more quartz carbonate stringers at 20° CA and 60° CA minor disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-4

From / De	To / A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		261.0 - 274.0 becomes highly carbonated, silicified and pyritized, brecciated with quartz carbonate stringers filling fractures. 274.0 - 282.0 becomes more altered. 282.0 - 288.0 highly sericitized and carbonatized original texture completely destroyed, 1-3% disseminated pyrite, rare pyrite stringers at low angle to core, minor chlorite patches very small.	29854	283.0	288.0	5.0	7		
		288.0 - 298.4 highly sheared and carbonated, broken quartz crystals with carbonate + sericite matrix, disseminated pyrite strong schistosity at 65° CA.							
298.4	315.5	QUARTZ VEIN (McKENZIE GRAY) white to pinkish quartz, upper contact at 50° CA, patches of sphalerite and chalcopyrite + galena + tellurides ?. 298.4 - 303.0 about 8% sphalerite, 3% chalcopyrite, 1% galena in patches and stringers.	29842	298.4	303.0	4.6	11940 0.348	144.4	1900 1.40

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-4
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		303.0 - 308.0							
		about 7% sphalerite + chalcopyrite + galena in large patches and stringers.	29843	303.0	308.0	5.0	8792 0.256	40.4	980 3.86
		308.0 - 311.5							
		many inclusions of highly altered trondhjemite within the vein very limited mineralization, pyrite + galena within the vein, pyrite is well disseminated within host rock.	29855	308.0	311.5	3.5	302		
		311.5 - 315.5							
		grey to white quartz vein at low angle to core, upper contact at 20° CA, lower contact at 45° CA, minor pyrite within vein.	29856	311.5	315.5	4.0	284		
315.5	320.0	ALTERED TRONDHJEMITE							
		as before.							
		315.5 - 317.0							
		highly sericitized, trace of pyrite.							
		317.0 - 320.0							
		grey quartz stringer + quartz flooding increasing toward 320.0, pyrite disseminated and as blebs elongated along fractures.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-4
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
320.0	333.0	QUARTZ VEIN (EAST VEIN)							
		grey white in colour, sericitic fractures minor to 2% pyrite + grey mineral (galena ?).							
		320.0 - 325.0							
		1-2% pyrite as irregular masses of fine cubes, few blebs of chalcopyrite patches of chlorite, possibly molybdenite.	29857	320.0	325.0	5.0	120		
		325.0 - 329.5							
		as before, pyrite minor chalcopyrite, grey mineral along fractures at 45° CA.	29858	325.0	329.5	4.5	440		
		329.5 - 333.0							
		quartz vein is brecciated, numerous inclusions of altered trondhjemite, minor disseminated pyrite, carbonate filling fractures within brecciated quartz, minor tourmaline stringer (folded) at lower contact oriented at 50° CA.	29863	329.5	333.0	3.5	177		
333.0	356.0	ALTERED TRONDHJEMITE							
		coarse grained, light yellowish green in colour.							
		333.0 - 336.0							
		highly sericitized, weak foliation at 60° CA, minor pyrite stringer patches and disseminated, few irregular quartz stringers.	29864	333.0	336.0	3.0	15		
		336.0 - 341.0							
		highly sericitized, 1% disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-4
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		341.0 - 346.0 alteration decreases toward 346.0, few quartz carbonate stringers locally at low angle to core. 346.0 - 356.0 slightly altered, more massive. 356.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-5
SHEET: 1 of 7

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475273
HOLE NO: NG-92-5

COORDINATE : L-7+50E 3+05S
ELEVATION:
BEARING: 040°
DIP: -45°
REMARKS: McKenzie Gray Vein
Core stored on property

2 LENGTH : 346'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO: 11
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST		TROPARI		
DEPTH	RDG	DEPTH	BEARING	DIP

4 COMMENCED: May 23rd, 1992
COMPLETED : May 24th, 1992
CORE SIZE : BQ
Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-5
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
0.0	5.0	OVERBURDEN							
5.0	83.0	TRONDHJEMITE massive, coarse grained, 10-15% quartz, greenish to pinkish feldspars, green amphiboles and minor disseminated pyrite. 5.0 - 19.0 locally partly broken, partly silicified and carbonated, few quartz carbonate stringers with chloritic contacts. 19.0 - 33.0 fairly massive, becomes brecciated at 32.0 feet with irregular quartz carbonates chlorite veins, minor pyrite. 33.0 - 47.0 silicified and carbonatized, locally highly brecciated, numerous quartz carbonate, chlorite veins filling fracture, few barren white quartz veins at 40° to 70° CA. 47.0 - 61.0 as above, highly brecciated with numerous quartz carbonate fractures. 61.0 - 74.0 becomes highly sericitized, core locally badly broken, foliation at 50° CA, up to 3% disseminated pyrite in places, barren quartz carbonate vein at 71.0.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-5
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		74.0 - 83.0 silicified and carbonatized.							
83.0	86.0	DIORITE grey green in colour, fine to medium grained weak foliation at 45° CA, silicified and carbonatized.							
86.0	101.0	MIXED ZONE zone with diorite, trondhjemite, tonalite and possibly aplite ?, contacts sharp at 45° CA to gradational, silicified and carbonated, irregular quartz carbonate stringers, and stringers and patches of massive pyrite, rusty fault with gauge material at 95.0 feet oriented at 65° CA.	29865 29866	86.0 93.0	90.0 97.0	4.0 4.0	6 < 5		
101.0	224.5	TRONDHJEMITE as before. 101.0 - 117.0 fairly massive, carbonatized locally highly silicified with quartz carbonate stringer at low angle to core in places, trace to 2% disseminated pyrite, rare tourmaline fractures. 117.0 - 131.0 quartz carbonate + large pyrite cubes stringers at 45° CA, cut by quartz carbonate tourmaline stringers at 70° CA, pyrite also disseminated or as semi massive stringers.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-5

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		131.0 - 146.0 as before, locally more massive. 146.0 - 161.0 weak foliation at 45° CA, some zones become highly altered and brecciated, silicified with irregular quartz stringers and veins. 161.0 - 169.5 as before, abundant quartz carbonate chlorite stringers. 169.5 - 174.5 abundant quartz flooding 1 to 2% pyrite.	29867	169.5	174.5	5.0	< 5		
		174.5 - 189.0 silicified and carbonated, slightly brecciated. 189.0 - 208.0 highly carbonated, locally highly silicified, few quartz carbonate stringers at 60° CA. 208.0 - 217.0 few milky blue quartz eyes up to 5% pyrite within silicified zones, generally highly carbonated. 217.0 - 224.5 brecciated numerous quartz carbonate chlorite stringers.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-5

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
224.5	230.0	DIORITE grey fine to medium grained, fractured, carbonated, contact are gradational.							
230.0	266.0	TRONDHJEMITE as before. 230.0 - 233.0 fairly massive. 233.0 - 246.0 becomes highly fractured and carbonated, hair like chlorite fractures, few milky blue quartz eyes, minor disseminated pyrite. 246.0 - 261.0 highly sericitized and carbonated, numerous milky blue quartz eyes, locally original texture of the rock is destroyed. 261.0 - 266.0							
266.0	271.0	QUARTZ VEIN (MORENCIE GRAY) grey to white quartz vein (10%) with highly sericitized trondhjemite, 5% brown sphalerite + chalcopyrite + pyrite within veins oriented generally at 45° CA, 2% disseminated pyrite within trondhjemite, minor galena within veins.	29359	266.0	271.0	5.0	229		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-5

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
271.0	277.0	ALTERED TRONDHJEMITE							
		271.0 - 275.0							
		trondhjemite is highly sericitized with 3-4%. disseminated pyrite, grey quartz veins at 45° CA, semi massive patches of pyrite, grey mineral (galena ?) in quartz veins along with minor chalcopyrite + sphalerite.	29868	271.0	275.0	4.0	790		
		275.0 - 277.0							
		highly altered, sericitized, foliation at 55° CA.	29869	275.0	277.0	2.0	45		
277.0	280.0	QUARTZ VEIN (McKENZIE GRAY)							
		grey to white quartz vein with one stringer of sphalerite + chalcopyrite 1 cm wide, minor disseminated chalcopyrite, abundant galena + semi massive pyrite stringer lower contact at 70° CA.	29360	277.0	280.0	3.0	10990 0.321	22.4	440 520
280.0	281.7	ALTERED TRONDHJEMITE							
		sericitized silicified. 1% disseminated pyrite.	29870	280.0	281.7	1.7	169		
281.7	291.0	QUARTZ VEIN (EAST VEIN)							
		281.7 - 285.0							
		grey to white quartz. 5% to 8% fractures filled with pyrite and grey mineral (galena) locally massive pyrite stringers, minor molybdenite along fractures.	29861	281.7	285.0	3.3	536		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-5

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
		285.0 - 290.0							
		as above.	29862	285.0	290.0	5.0	151		
		290.0 - 291.0							
		brecciated, 15% pyrite.							
291.0	346.0	ALTERED TRONDHJEMITE							
		coarse grained highly sericitized and carbonated.							
		291.0 - 294.0							
		abundant quartz flooding.	29871	290.0	294.0	4.0	58		
		294.0 - 305.0							
		few quartz carbonate stringers, rare chloritic fractures, highly altered.							
		305.0 - 319.0							
		highly altered.							
		319.0 - 346.0							
		few grey quartz stringers with locally, minor pyrite.							
		346.0							
		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-6

SHEET: 1 of 8

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-6

COORDINATE : L-7+50E 3+05S

ELEVATION:

BEARING: 012°

DIP: -45°

Core stored on property

2 LENGTH : 356'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 11

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : May 24th, 1992

COMPLETED : May 26th, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-6

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
0.0	5.0	OVERBURDEN							
5.0	60.0	TRONDHJEMITE							
		grey in colour, massive, coarse grained.							
		5.0 - 19.0							
		core locally badly broken chlorite on fractures, few quartz carbonate stringers.							
		19.0 - 32.0							
		numerous fractures at low angle to core, slightly brecciated with quartz carbonate stringers.							
		32.0 - 47.0							
		becomes less mafic and slightly altered, carbonated.							
		47.0 - 60.0							
		brecciated, carbonated, quartz carbonate chlorite stringers minor disseminated pyrite.							
60.0	66.0	DIORITE							
		grey, fine to medium grained.							
		60.0 - 61.0							
		gradational upper contact, minor pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-6
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		61.0 - 66.0 quartz flooding locally, foliation strong at 60° CA, irregular massif of trondhjemite.							
66.0	279.0	ALTERED TRONDHJEMITE coarse grained highly altered, sericite. 66.0 - 76.0 contact zone with diorite, minor disseminated pyrite, numerous fractures, few quartz carbonate stringers. 76.0 - 91.0 highly sericitized. 91.0 - 106.0 sericitized and carbonated, few fragments ? of grey quartz, minor disseminated pyrite. 106.0 - 120.0 few chloritic fractures. 120.0 - 134.0 few quartz carbonate stringers. 134.0 - 149.0 chlorite quartz carbonate fractures at low angle to core.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-6
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		149.0 - 163.0 brecciated, abundant quartz carbonate stringers, minor pyrite. 163.0 - 178.0 highly brecciated and carbonated, few quartz carbonate stringers with pyrite, darker colour due to biotite instead of amphibole. 178.0 - 192.0 highly carbonatized and sericitized, brecciated with numerous quartz carbonate stringers. 192.0 - 207.0 foliation strong at 50° CA, abundant quartz eyes, 2-3% disseminated pyrite, locally highly bleached, last 5 feet numerous quartz carbonate tourmaline veins at low angle to core, abundant up to 4% disseminated fine pyrite. 207.0 - 221.0 as above. 221.0 - 226.0 highly silicified with quartz stringers at low angle to core, 1-3% pyrite.	29872	224.0	226.0	2.0	13		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-6

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
		226.0 - 236.0 minor diorite present, highly fractured, numerous carbonate stringers and along fractures.							
		236.0 - 246.0 highly brecciated, carbonatized and silicified numerous, quartz - carbonate - pyrite stringers.							
		246.0 - 251.0 grey quartz vein with 2-3% pyrite at low angle to core, wall rock highly brecciated and altered.	29873	246.0	251.0	5.0	85		
		251.0 - 260.0 highly altered, numerous white quartz stringers as blocks ? other quartz carbonate stringers abundant at 50° to 80° CA.							
		260.0 - 265.0 as above, quartz flooding, grey quartz vein at low angle to core, locally up to 5% pyrite.	29874	260.0	265.0	5.0	7		
		265.0 - 277.0 highly carbonatized.							
		277.0 - 279.0 sericite schist with quartz carbonate veins parallel to schistosity at 75° CA, minor disseminated pyrite.	29875	277.0	279.0	2.0	593		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-6

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
279.0	288.0	QUARTZ VEIN (McKENZIE GRAY)							
		pinkish to grey white quartz.							
		279.0 - 284.0							
		minor chalcopyrite + pyrite.	29876	279.0	284.0	5.0	422 0.012	13.2	200 800
		284.0 - 288.0							
		minor chalcopyrite, large masses of sphalerite at 288.0, lower contact at 45° CA, minor pyrite + galena within vein.	29877	284.0	288.0	4.0	569	31.2	1400 1.90
288.0	292.0	ALTERED TRONDHJEMITE							
		highly altered, sericitized.							
292.0	301.5	QUARTZ VEIN (EAST VEIN)							
		grey to white quartz vein.							
		292.0 - 293.5							
		contact zone, numerous blocks of altered trondhjemite, minor disseminated pyrite.	29878	292.0	293.5	1.5	15		
		293.5 - 296.0							
		70% quartz vein, galena, minor pyrite.	29879	293.5	296.0	2.5	45		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-6

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
		296.0 - 301.5							
		locally highly brecciated trondhjemite and quartz fragments, smaller veins with minor chalcopyrite, sphalerite.	29880	296.0	301.5	5.5	79		
301.5	327.0	ALTERED TRONDHJEMITE							
		coarse grained highly carbonated and sericitized.							
		301.5 - 308.0							
		foliation at 60° CA, minor semi massive pyrite stringers at 45° CA.							
		308.0 - 318.0							
		become reddish in colour toward 318.0.							
		318.0 - 322.5							
		highly altered reddish colour (hematite) abundant grey quartz veins, stringers and fragment. 3-4% disseminated pyrite, grey mineral along fractures in quartz vein.	29881	318.0	322.5	4.5	13		
		322.5 - 327.0							
		as above, quartz breccia	29882	322.5	327.0	4.5	21		
327.0	351.0	DIORITE							
		fine to medium grained, massive hematite reddish alteration, fault gauge over 1 cm at 334.0 feet, fault at 50° CA, generally reddish alteration persistent to 351.0 feet.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-6
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
351.0	356.0	MAFIC DYKE fine to medium grained, massive grey green in colour. 356.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-7

SHEET: 1 of 4

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475274

HOLE NO: NG-92-7

COORDINATE : L-8+61E 1+44S

ELEVATION:

BEARING: 230°

DIP: -45°

REMARKS: North Pit New Vein McTavish
Core stored on property

2 LENGTH : 156'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 2

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED: May 26th, 1992

COMPLETED : May 27th, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY: 

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-7

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
0.0	8.0	OVERBURDEN							
8.0	19.0	ALTERED TRONDHJEMITE coarse grained, carbonated and sericitized. locally one reddish aplitic dyke at 70° CA.							
19.0	26.0	MAFIC DYKE fine to medium grained, minor feldspar phenos, gradational upper contact.							
26.0	106.0	ALTERED TRONDHJEMITE as before. 26.0 - 36.0 highly carbonated. 36.0 - 50.0 finer grained inclusions ? at low angle to core, few chloritic fractures, minor quartz carbonate stringers, highly carbonated (rust. colour). 50.0 - 66.0 highly carbonated, few quartz carbonate stringers, rust. fractures, minor disseminated pyrite locally as blebs.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-7
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur lenght	Au ppb	Ag ppm	Cu Zn
			assay #						
		68.0 - 75.0							
		highly sericitized, few grey to white quartz veins, rare tourmaline stringers at 74.2 feet, quartz stringer, rusty at 71.0 feet, oriented at low angle to core.	35493	68.0	72.0	4.0	37		
			35494	72.0	75.0	3.0	5		
		75.0 - 79.0							
		carbonated and sericitized, weak foliation at 35° CA.							
		79.0 - 106.0							
		few zones of finer grained material, sericitized and carbonated, chloritic fractures, pinkish quartz vein at 89.0 feet, chlorite flakes define a schistosity at low angle to core.							
106.0	156.0	TRONDHJEMITE							
		coarse grained, massive.							
		106.0 - 122.0							
		mafic minerals are chloritic fairly massive, fractures filled with chlorite and carbonate.							
		122.0 - 156.0							
		as above, minor pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-7
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		133.0 - 138.0 finer grained material, few quartz carbonate stringers. 138.0 - 142.0 coarse grained, trondhjemite, minor pyrite. 142.0 - 151.0 finer grained material (diorite). 151.0 - 156.0 broken mafic dyke, cemented with fine to medium grained dioritic material highly pyritized, abundant chlorite along fractures at low angle to core. 156.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-8
SHEET: 1 of 4

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475274
HOLE NO: NG-92-8

COORDINATE : L-8+61E 1+44S
ELEVATION:
BEARING: 276°
DIP: -45°

Core stored on property

2 LENGTH : 206'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO: 1
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED: May 27th, 1992
COMPLETED : May 27th, 1992
CORE SIZE : BQ
Drilled by:: DOMINIK DRILLING (1981) INC.

BY:

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-8

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
0.0	8.0	OVERBURDEN							
8.0	67.0	ALTERED TRONDHJEMITE (PORPHYRY ?)							
		dark grey colour, massive coarse grained.							
		8.0 - 11.0							
		core locally badly broken.							
		11.0 - 22.0							
		trondhjemite is more chloritic with feldspars as phenocrysts, few irregular quartz carbonate stringers, chlorite and carbonate along fractures.							
		22.0 - 65.0							
		brecciated, carbonated, pyrite along fractures, few dykes of tonalite, minor disseminated pyrite, chloritic fractures locally at low angle to core.							
		65.0 - 67.0							
		silicified with grey quartz vein, loge pyrite cubes at contacts of vein.	35495	65.0	67.0	2.0	5		
67.0	85.0	TONALITE							
		light grey, massive, medium grained less mafic mineral than trondhjemite, minor disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-8

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag	Cu
		67.0 - 72.0 massive fine to medium grained. 72.0 - 75.0 sericitized silicified with numerous grey quartz veinlets and white quartz veins oriented at 45° CA. minor pyrite mainly within wall rocks or the quartz veins and veinlets.	35496	72.0	75.0	2.7	114		
		75.0 - 85.0 fairly massive, carbonated.							
85.0	94.0	TRONDHJEMITE coarse grained, highly chloritic, weak foliation at 45° CA. few silicified zones with quartz carbonate stringers and 3% pyrite, disseminated and along stringers.							
94.0	118.0	TONALITE TO PORPHYRY fine to medium grained, light colour, highly fractured with chlorite along fractures, last 5 feet looks like porphyry, minor disseminated pyrite.							
118.0	200.0	TRONDHJEMITE (PORPHYRY) medium to coarse grained, looks like porphyry, for the first 3 feet. 118.0 - 136.0 highly chloritic, schistosity at 40° CA. carbonated, minor pyrite disseminated and along fractures.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NC-92-8

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag	Cu
		136.0 - 151.0 silicified and carbonated. quartz carbonate veinlets with chloritic margins are folded. some zones are silicified and sericitized. trace of pyrite. 151.0 - 161.0 chloritic. core locally badly broken. few dykes of (tonalite) carbonated. chloritic fractures, locally at low angle to core. brecciated with quartz carbonate stringers. 161.0 - 165.0 deformed, feldspars appear rounded within chlorite matrix. 165.0 - 179.0 silicified carbonated. few pinkish quartz vein, along with quartz carbonate stringers. minor disseminated pyrite. 179.0 - 206.0 mixed zone with chloritic trondhjemite mafic dykes. tonalite porphyry, highly fractured with carbonate + chlorite along fractures. numerous quartz carbonate stringers. minor pyrite disseminated. 206.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-9

SHEET: 1 of 9

1 COMPANY: NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-9

COORDINATE: L-7+50E 3+05S

ELEVATION:

BEARING: 025°

DIP: -65°

Core stored on property

2 LENGTH: 494'

CASING:

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO: 8

SAMPLES SECTION:

3 SPECIAL TESTS

ETCH TEST		TROPARI		
DEPTH	RDG	DEPTH	BEARING	DIP

4 COMMENCED: June 24th, 1992

COMPLETED: June 26th, 1992

CORE SIZE: BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-9

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
0.0	5.0	OVERBURDEN							
5.0	407.0	TRONDHJEMITE							
		reddish grey in colour, coarse grained, fairly massive.							
		5.0 - 21.0							
		numerous fractures with chlorite and carbonate, rare quartz carbonate stringers.							
		21.0 - 36.0							
		locally large blebs of pyrite, weak foliation at 40° CA. few carbonate stringers at 40° to 50° CA.							
		36.0 - 50.0							
		core locally badly broken, few quartz carbonate stringers, minor pyrite.							
		50.0 - 64.0							
		fairly massive, slightly carbonated weak foliation at 40° CA, minor disseminated pyrite.							
		64.0 - 71.0							
		silicified with quartz carbonate stringers, minor pyrite.							
		71.0 - 73.0							
		fine grained grey diorite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-9

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		73.0 - 79.0 brecciated, silicified and carbonated gradational upper contact with diorite, few stringers and minor chlorite along fractures. 79.0 - 89.0 fairly massive, minor disseminated pyrite. 89.0 - 91.0 fine grained material with tonalite ? and quartz + carbonate veins + veinlets chlorite at contacts of veins and along fractures, up to 1% pyrite. 91.0 - 99.0 carbonated, silicified and sericitized weak foliation at 40° CA. 99.0 - 104.0 highly silicified and sericitized with numerous quartz carbonate stringers from 30° to 60° CA, numerous large pyrite cubes with chlorite shadows, few zones where trondhjemite looks like tonalite. 104.0 - 106.0 more chloritic and carbonated.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-9
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		108.0 - 122.0 weak foliation at 45° CA, few quartz carbonate chlorite stringers, minor pyrite. 122.0 - 137.0 slightly altered, carbonated, silicified and sericitized, highly fractured few white quartz veins and veinlets at 45° CA. 137.0 - 208.0 fairly massive, carbonated and sericitized, locally slightly silicified, minor disseminated pyrite, few chloritic fractures, core locally partly broken, abundant chlorite on fractures at low angle to core, weak schistosit, at around 30° CA. 208.0 - 222.0 locally highly silicified with quartz carbonate veinlets generally at low angle to core, few chloritic fractures also at low angle to core. 222.0 - 237.0 highly carbonated, sericitized weak schistosity. 237.0 - 247.0 fractured carbonated and sericitized locally brecciated with quartz carbonate stringers.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-9

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
		247.0 - 265.0 tonalite (less mafic minerals) with zones of finer grained diorite, generally brecciated slightly carbonated, 1% disseminated pyrite, weak foliation within diorite at 45° CA, milky blue quartz eyes visible within tonalite which is brecciated with up to 3% pyrite, numerous quartz carbonate stringers, two sets perpendicular to each other 045° CA. 265.0 - 280.0 trondhjemite fairly massive, carbonated, locally highly fractured, minor pyrite disseminated, mafic minerals are chloritized. 280.0 - 286.0 highly brecciated, weak schistosity at 45° CA, abundant chlorite on fractures. 286.0 - 291.5 darker grey in colour, tonalite silicified with abundant (3%) pyrite as semi massive stringers and also disseminated. 291.5 -295.0 fairly massive trondhjemite with quartz eyes and 1 to 3% disseminated pyrite. 295.0 - 304.0 massive, milky blue quartz eyes.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-9

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
			assay #						
		304.0 - 306.0 fine grained diorite. 306.0 - 314.5 fairly massive trondhjemite, slightly altered. 314.5 - 321.0 mainly fine grained diorite, contacts at 50° CA, minor pyrite. 321.0 - 367.0 massive, weak foliation at 45° CA, core locally partly broken, rare zone silicified with rosy quartz vein with large needles of amphiboles, minor disseminated pyrite. 367.0 - 375.0 become sericitized and schistose at 70° CA, close to 375.0 feet, but generally weak foliation at 45° CA. 375.0 - 376.0 white quartz vein with minor tourmaline along fractures, very minor sulphides in wall rock. 376.0 - 386.0 become highly brecciated and carbonated, abundant milky blue quartz eyes, string foliation at 40° CA, highly sericitized.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-9
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		386.0 - 403.0 highly sericitized, foliation schistosity at 40° CA, 1 to 2% disseminated pyrite.							
		403.0 - 407.0 sericite schist, few quartz carbonate tourmaline, stringers at low angle to core.	35476	403.0	407.0	4.0	6		
407.0	414.0	McKENZIE GRAY VEIN grey to white in colour.							
		407.0 - 409.0 numerous stringers at low angle to core.	35477	407.0	409.5	2.5	27	3.6	100 200
		409.0 - 414.0 few inclusions of sericite schist, semi massive sphalerite stringers at low angle to core with minor pyrite.	35478	409.5	414.5	5.0	144 3.016	22.4	140 1.52
414.0	415.0	SERICITE SCHIST highly altered trondhjemite.							
415.0	419.0	EAST VEIN grey colour, abundant grey mineral, minor pyrite, brecciated contacts at 40° to 45° CA.	35479	414.5	419.0	4.5	754		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-9

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu / Zn
419.0	494.0	TRONDHJEMITE							
		as before.							
		419.0 - 424.0							
		abundant fine grained material (diorite) with sericite schist oriented at low angle to core with up to 15% pyrite disseminated.	35480	419.0	424.0	5.0	46		
		424.0 - 425.0							
		sericitized, pyritized and silicified trondhjemite.							
		425.0 - 433.0							
		highly sericitized 2 to 3% disseminated pyrite, highly brecciated and carbonated.	35481 35482	424.0 428.5	428.5 433.0	4.5 4.5	71 21		
		433.0 - 438.0							
		as above, highly brecciated and sericitized.							
		438.0 - 440.0							
		2 to 3% disseminated pyrite.							
		440.0 - 443.5							
		numerous grey to white quartz veins within highly sericitized and pyritized trondhjemite, minor pyrite within quartz veins.	35483	440.0	444.0	4.0	587		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-9
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		443.5 - 452.0 still highly sericitized and carbonated weak schistosity at 40° CA. 452.0 - 494.0 as above, few grey quartz stringers, few chloritic fractures, fine disseminated pyrite. 494.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-10

SHEET: 1 of 6

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-10

COORDINATE : L-7+64E 3+48S

ELEVATION:

BEARING: 045°

DIP: -45°

Core stored on property

2 LENGTH : 316'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 9

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : June 26th, 1992

COMPLETED : June 27th, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY:

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-10

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
0.0	34.0	OVERBURDEN							
34.0	164.0	MAFIC DYKE							
		fine to coarse grained, contacts are fine grained and the dyke becomes more coarse in the central part, massive dark grey green in colour.							
		34.0 - 49.0							
		brecciated with quartz carbonate stringers of two orientations perpendicular 045° and 045°, minor pyrite disseminated and also concentrated along fractures highly silicified at upper contact.							
		49.0 - 78.0							
		weak schistosity at low angle to core, marked by chlorite flakes slightly carbonated, numerous quartz carbonate stringers, minor pyrite.							
		78.0 - 94.0							
		locally brecciated, carbonated, silicified in places with quartz carbonate stringers and veinlets, disseminated pyrite also present along stringers.							
		94.0 - 96.0							
		numerous quartz carbonate stringers at low angle to core with 5% disseminated pyrite.	35492	94.0	96.0	2.0	86		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-10
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
		96.0 - 146.0 become gradually coarse grained, core locally badly broken with fractures at low angle to core, also few quartz carbonate stringers at low angle to core. 146.0 - 149.0 stringer of coarse pyrite at low angle to core. 149.0 - 164.0 becomes finer grained, slightly carbonated, chlorite defines a schistosity oriented at 40° CA, core locally badly broken, minor disseminated pyrite.	35491	146.0	149.0	3.0	< 5		
164.0	235.0	TRONDHJEMITE fairly massive, coarse grained. 164.0 - 166.0 mafic dyke is brecciated at contact and white quartz vein is present, very minor pyrite. 166.0 - 176.0 core badly broken at numerous places, few inclusions of finer grained material, chlorite and carbonate on fractures, weak foliation of 40° CA, few quartz carbonate stringers.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-10
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		176.0 - 206.0 core locally badly broken, slightly sericitized and chloritized, minor disseminated pyrite, locally brecciated with quartz carbonate veinlets, chlorite carbonate on fractures. 206.0 - 235.0 brecciated and carbonated, core locally badly broken with fractures and stringers at low angle to core, schistosity at 40° CA, trace to 2% pyrite disseminated, rare tourmaline stringers, few quartz carbonate stringers oriented at 50° CA.							
235.0	240.0	DIORITE grey, massive, fine to medium grained irregular contacts, minor disseminated pyrite, weak schistosity at 40° CA, minor quartz carbonate stringers.							
240.0	279.0	TRONDHJEMITE highly altered, carbonated, silicified and sericitized. 240.0 - 252.0 mafics are altered to biotite ?, few fractures at low angle to core, 1% disseminated pyrite, few grey quartz veinlets from 45° to 70° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-10

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
		252.0 - 254.0							
		one narrow quartz vein with large bleb of sphalerite, trace of chalcopyrite.	35490	252.0	254.0	2.0	50		
		254.0 - 263.0							
		carbonated sericitized, weak foliation at 40° CA, minor disseminated pyrite.							
		263.0 - 279.0							
		sericitized and carbonated, few irregular quartz carbonate veins and veinlets with chloritic contacts, minor disseminated pyrite.							
279.0	289.0	McKENZIE GRAY VEIN							
		279.0 - 283.0							
		massive, grey to white quartz fractured, locally up to 3% sphalerite + minor chalcopyrite, contacts at 40° CA.	35484	279.0	283.0	5.0	97	19.5	400 5400
		283.0 - 284.0							
		altered trondhjemite (sericite schist).							
		284.0 - 289.0							
		quartz vein with numerous inclusions of altered trondhjemite, minor sphalerite along fractures within vein.	35485	283.0	288.0	5.8	279	17.6	70 2000
			35486	288.8	291.0	2.2	33		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-10
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
289.0	316.0	TRONDHJEMITE							
		coarse grained, sericitized and chloritized.							
		289.0 - 294.0							
		highly chloritized, numerous grey quartz veins and veinlets, minor disseminated pyrite.	35487	291.0	293.4	2.4	22		
		294.0 - 297.0							
		grey quartz vein, highly brecciated fractures filled with carbonate, very minor pyrite.	35488	293.4	296.8	3.4	110		
		297.0 - 302.0							
		sericitized trondhjemite.							
		302.0 - 305.0							
		grey quartz vein, brecciated, trondhjemite is silicified with locally up to 3% pyrite.	35489	301.5	304.5	3.0	13		
		305.0 - 316.0							
		fractured and carbonated, locally silicified with quartz carbonate stringers, numerous fractures at low angle to core.							
		316.0							
		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-11

SHEET: 1 of 9

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-11

COORDINATE : L-7+64E 3+48S

ELEVATION:

BEARING: 045°

DIP : -60°

Core stored on property

2 LENGTH : 456'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 8

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : June 27th, 1992

COMPLETED : June 28th, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
0.0	25.5	OVERBURDEN							
25.5	178.0	MAFIC DYKE							
		green colour, fine grained, schistosity defined by chlorite sheets, carbonated few quartz carbonate stringers and veinlets at irregular orientation.							
		25.5 - 28.0							
		brecciated, carbonated, 1-2% disseminated pyrite, close to quartz carbonate stringers oriented at low angle to core.							
		28.0 - 29.0							
		grey quartz vein 7 cm wide with chlorite blebs, minor pyrite within vein as large cubes vein oriented at 45° CA, up to 4% pyrite close to vein.	05300	28.0	29.0	1.0	10		
		29.0 - 40.0							
		carbonated, chlorite sheets defining schistosity at low angle to core numerous irregular quartz carbonate stringers with chloritic contacts 1 to 2% disseminated pyrite, locally silicified with numerous stringers.							
		40.0 - 45.0							
		generally carbonated, [illegible] silicified and pyritized, quartz carbonate stringers at low angle to core, also fractures at low angle to core.	29355	40.0	45.0	5.0	6		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		45.0 - 50.0 locally less altered more chloritic. 50.0 - 55.0 schistosity at 10° CA. 55.0 - 56.0 highly carbonated, 1% disseminated pyrite. 56.0 - 58.0 brecciated, carbonated, abundant quartz carbonate as matrix and stringers at low angle to core. 58.0 - 68.0 locally more chloritic, locally silicified, generally carbonated, schistosity at 15° CA, minor pyrite. 68.0 - 82.0 generally carbonated, numerous quartz carbonate stringers at low angle to core, minor disseminated pyrite, last 5 feet magnetite disseminated with pyrite and becomes more abundant within stringers locally up to 1% magnetite within quartz carbonate veinlets at 25° CA. 82.0 - 94.0 fairly massive, rare quartz carbonate stringers, trace of pyrite, minor disseminated magnetite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		94.0 - 94.8 trondhjemite dyke. upper contact gradational, lower contact at 85° CA. 94.8 - 97.0 carbonated mafic dyke. minor pyrite and magnetite. 97.0 - 112.0 medium grained. looks like diabase gabbro. minor pyrite + disseminated magnetite. few quartz carbonate stringers with 0.5% magnetite. 112.0 - 117.0 as above. 117.0 -126.0 medium to coarse grained. fairly massive. carbonated. few quartz carbonate stringers. trace of pyrite. 126.0 - 141.0 some zone fine grained. few quartz carbonate veinlets with minor epidote. veinlets oriented at 55° CA with minor disseminated pyrite. few chloritic fractures with minor pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-11
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
		141.0 - 155.0 medium to coarse grained, carbonated minor pyrite + magnetite, few stringers of quartz carbonate oriented from 5° to 75° CA. 155.0 - 160.0 as above. 160.0 - 166.0 become fine to medium grained, carbonated, few quartz carbonate stringers locally with semi massive pyrite. 166.0 - 169.0 generally fine grained, few chloritic fractures, slightly brecciated with quartz carbonate stringers locally rich in pyrite. 169.0 - 178.0 fine grained, minor pyrite + chalcopyrite, along fractures at low angle to core slightly brecciated with fractures, filled with quartz carbonate.							
178.0	456.0	TROND[illegible]HEMITE massive, grey colour, coarse grained 5-6% amphiboles, relatively fresh upper contact oriented at 20° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		178.0 - 183.0 many tongues of mafic material at low angle to core, rare quartz carbonate stringers with chloritic contacts, oriented at 55° CA.							
		183.0 - 198.0 amphiboles altered to chlorite, brecciated and carbonated, minor disseminated pyrite, locally core badly broken, silicified with 1-2% pyrite in places.							
		198.0 - 203.0 highly silicified, few inclusions of finer grained material, up to 3% pyrite cubes, few grey-white quartz veinlets with pyrite.	29886	198.0	203.0	5.0	13		
		203.0 - 212.0 as before, few zones of fine grained material, few narrow zones highly carbonated (cream colour) chlorite, sericite carbonate on fractures.							
		212.0 - 227.0 feldspars become altered, core badly broken in a few places, few quartz carbonate stringers at low angle to core.							
		227.0 - 238.0 slightly altered, numerous fractures oriented at 70° CA.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		238.0 - 239.0 white quartz vein with numerous patches of chlorite and minor tourmaline trondhjemite highly sericitized at upper contact, vein oriented at 45° CA.	29887	238.0	239.0	1.0	15		
		239.0 - 242.0 rare quartz carbonate stringers, some fractures parallel to core.							
		242.0 - 256.0 feldspars generally altered, but pinkish locally, few quartz carbonate stringers at 40° to 75° CA, chlorite at contacts, some zones are silicified with minor pyrite.							
		256.0 - 270.0 slightly carbonated, locally silicified with 1% pyrite, few quartz, carbonate, chlorite stringers generally at 75° to 80° CA.							
		270.0 - 284.0 slightly carbonated, silicified and pyritized at 270.0 feet, locally fractures at low angle to core, few quartz carbonate stringers at 60° CA, in places feldspars are green and reddish.							
		284.0 - 298.0 fairly massive, slightly carbonated, few quartz carbonate chlorite fractures at 40° CA, trace of pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
		298.0 - 316.0 few inclusions of fine grained material, few quartz carbonate tourmaline stringers minor pyrite, core locally badly broken. 316.0 - 322.0 abundant inclusions of fine grained material (diorite) contacts relatively sharp at 70° CA, few quartz carbonate stringers from 30° to 70° CA. 322.0 - 328.0 as above, few fractures parallel to core. 328.0 - 334.0 core locally badly broken, large inclusion of fine grained diorite, trace of pyrite. 334.0 - 340. carbonated, brecciated with carbonate + minor quartz matrix, foliation at 45° CA. 340.0 - 361.0 carbonated and slightly brecciated, amphiboles become chloritic, fractures filled with chlorite and/or carbonate fractures two sets perpendicular 070° CA and 020° CA. 361.0 - 370.0 fairly massive, amphiboles are chloritized.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-11

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		422.0 - 426.0 highly altered, sericite schist locally, schistosity at 40° CA, minor disseminated pyrite.							
		426.0 - 427.5 sericite schist, schistosity at 40° CA, quartz "augens", 2-3% disseminated pyrite on quartz carbonate 10% pyrite stringers at 40° CA.	29930	426.0	427.5	1.5	40		
		427.5 - 456.0 highly altered, sericite schist with quartz eyes, schistosity from 40° to 45° CA, fine disseminated pyrite, few grey quartz veinlets and stringers with minor pyrite close to contacts.	29931	433.0	436.0	3.0	15		
		456.0 END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-12

SHEET: 1 of 9

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475273

HOLE NO: NG-92-12

COORDINATE : L-7+64E 3+48S

ELEVATION:

BEARING: 013°

DIP: -54°

Core stored on property

2 LENGTH : 486'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 21

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : June 29th, 1992

COMPLETED : July 1st, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-12
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
0.0	24.0	OVERBURDEN							
24.0	75.0	MAFIC DYKE							
		massive, fine grained, dark grey green colour, chloritic patches defining a schistosity from 25° 45° CA. few irregular quartz carbonate stringers. from 56 feet to 66 feet highly brecciated with white quartz vein + carbonate which is also highly brecciated abundant chlorite up to 10% pyrite disseminated locally in highly silicified zone.	29932	56.0	61.0	5.0	10		
75.0	102.0	TRONDHJEMITE							
		massive, coarse grained, milky quartz eyes.							
		75.0 - 80.0							
		fine grained massive diorite slightly gradational contacts with trondhjemite. white quartz vein 1% pyrite a large blebs.	29933	75.0	77.0	2.0	10		
		80.0 - 102.0							
		fairly massive trondhjemite few irregular white quartz veins some quartz carbonate chlorite stringers at 40° CA, becomes brecciated and more chloritic toward 102.0.							
102.0	104.0	MAFIC DYKE							
		fine grained, dark grey, [illegible] and carbonated, folded upper contact, lower contact at 55° CA, irregular white quartz veins with up to 5% pyrite disseminated, close to stringers within silicified zones.	29934	102.0	104.0	2.0	10		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-12
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
104.0	110.0	TRONDHJEMITE fractured and carbonated, grey quartz veinlets at low angle to core. chloritic fractures within trondhjemite becomes carbonate fractures when crossing quartz veinlet minor disseminated pyrite close to veinlet.	29935	105.0	110.0	5.0	9		
110.0	114.0	MAFIC DYKE dark grey, massive fine grained. few irregular quartz carbonate stringers.							
114.0	121.0	CONTACT ZONE mixture of diorite, trondhjemite, mafic dyke and quartz veins. diorite is heavily pyritized. few semi massive pyrite, stringers within quartz veins.	29936	114.0	119.0	5.0	13		
121.0	181.0	TRONDHJEMITE fairly massive, coarse grained. 121.0 - 125.0 carbonated and sericitized weak foliation at 40° CA, 1 to 2% disseminated pyrite, locally up to 4%, few quartz carbonate stringers with chloritic margins, irregular grey quartz veins within silicified zones.	29937	121.0	125.0	4.0	13		
		125.0 - 132.0 altered, brecciated and carbonated up to 4% pyrite locally.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-12
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		132.0 - 140.0							
		silicified with numerous grey quartz veins up to 3% pyrite locally.	29938	132.0	140.0	8.0	12		
		140.0 - 145.0							
		silicified with milky blue quartz eyes.							
		145.0 - 171.0							
		fairly massive, few quartz carbonate stringers at 30° CA, locally brecciated silicified and pyritized.							
		171.0 - 181.0							
		become carbonated, numerous quartz carbonate pyrite stringers at low angle to core, few tourmaline stringers at 80° CA at 175.0 feet and 181.5 feet, trace to 3% disseminated pyrite also in semi massive patches, mafics are chloritized.	29939	180.0	182.0	2.0	19		
181.0	200.0	MAFIC DYKE							
		massive, fine grained, dark grey green colour.							
		181.0 - 182.0							
		upper contact oriented at 45° CA, grey quartz veinlet at low angle to core.							
		182.0 - 186.0							
		grey to white veinlet at low angle to core with 1 to 2% disseminated pyrite cubes.	29940	182.0	186.0	4.0	31		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-12
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		186.0 - 197.0 slightly brecciated with numerous grey quartz stringers and veinlets, abundant pyrite. 197.0 - 200.0 grey quartz vein at low angle to core 0.5% to 1% pyrite.							
200.0	202.5	DIORITE fine grained, massive, grey colour, highly pyritized.							
202.5	270.0	TRONDHJEMITE coarse grained, fairly massive. 202.5 - 207.0 highly silicified with 1% disseminated pyrite within grey quartz veinlet at low angle to core. 207.0 - 212.0 sericitized, grey quartz vein at low angle to core with fractures of semi massive pyrite, few cross cutting quartz carbonate stringers, oriented at 60° CA.	29341 29342	204.0 207.0	207.0 212.0	3.0 5.0	12 12		
		212.0 - 230.0 carbonated, few inclusions of finer grained material, weak foliation at 30° CA, zone slightly silicified and pyritized, milky blue quartz eyes brecciated with pyrite along fractures.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-12

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
		230.0 - 239.0							
		chloritized and carbonated numerous grey quartz veins and veinlets, large pyrite cubes close to veins also fine disseminated pyrite, veins at irregular orientation, generally at low angle to core.	28888 29889 29890	230.0 233.0 237.0	233.0 237.0 239.0	3.0 4.0 2.0	6 6 7		
		239.0 - 246.0							
		highly silicified, fractured and carbonated, grey quartz vein at low angle to core, 1 to 3% disseminated pyrite.							
		246.0 - 265.0							
		fractured and carbonated, numerous irregular grey quartz veinlets at low angle to core, cut by quartz carbonate stringers oriented from 45° to 70° CA.							
		265.0 - 270.0							
		grey quartz + large pyrite cubes veinlet at low angle to core.	29891	265.0	270.0	5.0	9		
270.0	275.0	DIORITE							
		fine grained, massive, grey colour, few quartz carbonate veinlets and stringers.							
275.0	284.0	QUARTZ VEIN							
		grey to white quartz vein, with chloritic fractures and large chlorite masses, semi massive pyrite stringers, contacts at 45° CA.	29892 29893	275.0 278.0	278.0 283.0	3.0 5.0	70 39		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-12

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
284.0	348.5	TRONDHJEMITE as before. 284.0 - 323.0 brecciated and carbonated, schistosity at 25° CA, few quartz carbonate veinlets and stringers, chloritic fractures, 1% to 3% disseminated pyrite, sericitized. 323.0 - 331.0 schistose fine grained diorite, schistosity at 35° CA, rock is carbonated, rare tourmaline on fracture. 331.0 - 348.5 highly sericitized, fractured and carbonated.	29943	346.5	348.5	2.0	33		
348.5	354.0	McKENZIE GRAY VEIN grey to white in colour, chlorite blebs and also along fractures, few tourmaline stringers, locally minor sphalerite and chalcopyrite.	29944	348.5	354.0	5.5	27		
354.0	331.0	ALTERED TRONDHJEMITE brecciated, carbonated, foliated at 45° CA, locally core badly broken, few chloritic fractures, sericitized with 1% to 2% disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-12

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
391.0	476.0	TRONDHJEMITE							
		391.0 - 406.0							
		massive reddish feldspars, coarse grained, few inclusions of finer grained diorite, few quartz carbonate stringers at 70° CA.							
		406.0 - 425.0							
		slightly altered feldspars, white colour, generally massive trondhjemite, chloritic amphibolite.							
		425.0 - 455.0							
		fairly massive, mafic minerals are chloritized, weak foliation at 40° CA, few grey quartz veinlets at 80° CA, rare quartz carbonate stringers.							
		455.0 - 456.0							
		pinkish green quartz vein with large pyrite cubes, vein roughly oriented at 45° CA.	39945	455.0	456.0	1.0	15		
		456.0 - 476.0							
		fractured, carbonated, locally brecciated, few gem. massive pyrite stringers, abundant pinkish quartz veinlets.							
476.0	479.0	SHEAR ZONE							
		chlorite, sericite, quartz carbonate schist oriented at 40° CA.	39946	476.0	479.0	3.0	15		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-12

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag	Cu
479.0	486.0	TRONDHJEMITE foliated at 50° CA, disseminated pyrite, pinkish oplitic dyke.							
486.0		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-13
SHEET: 1 of 8

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475273
HOLE NO: NG-92-13

COORDINATE: L-7+50E 3+05S
ELEVATION:
BEARING: 012°
DIP: -60°

Core stored on property

2 LENGTH : 400'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO : 12
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST
DEPTH RDG

TROPARI
DEPTH BEARING DIP

4 COMMENCED : July 1st, 1992
COMPLETED : July 3rd, 1992
CORE SIZE : BQ
Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-13
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu
			assay #						
0.0	4.0	OVERBURDEN							
4.0	88.5	TRONDHJEMITE							
		massive, coarse grained.							
		4.0 - 12.0							
		few chloritic fractures at low angle to core.							
		12.0 - 16.0							
		slightly altered.							
		16.0 - 62.0							
		generally massive often pinkish colour, locally partly broken, few quartz carbonate stringers at 45° CA, few chloritic fractures with minor carbonate.							
		62.0 - 67.0							
		highly silicified with 1% disseminated pyrite, few quartz carbonate chlorite stringers at 20° CA.							
		67.0 - 88.5							
		brecciated, carbonated, disseminated pyrite few quartz carbonate stringers.							
88.5	113.2	DIORITE							
		fine to medium grained, massive grey colour generally carbonated, minor disseminated pyrite, irregular quartz carbonate masses (broken veins) with chloritic walls.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-91-13
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu
			assay #						
113.2	269.0	TRONDHJEMITE coarse grained, fairly massive. 113.2 - 121.0 altered carbonated, 1 to 2% disseminated pyrite, weak foliation at 40° CA, few quartz carbonate and chlorite stringers. 121.0 - 135.0 carbonated, weak foliation at 40° CA, minor disseminated pyrite. 135.0 - 146.0 brecciated and carbonated, foliation at 40°-45° CA, 1 to 3% disseminated pyrite, one quartz carbonate chlorite stringers with tourmaline along fractures. 146.0 - 149.0 fairly massive, slightly silicified, 2% disseminated pyrite, slightly brecciated. 149.0 - 153.0 silicified, quartz carbonate chlorite stringer parallel to core, mafic minerals become chloritized, generally brecciated, 1 to 2% disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-13

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / Length	Au ppb	Ag ppm	Cu
		159.0 - 164.0 locally highly silicified with grey white quartz veins and veinlets, semi massive patches of pyrite, close to veins, 2 to 3% pyrite disseminated. 164.0 - 167.0 as above, semi massive patches of pyrite.	29947	164.0	167.0	3.0	16		
		167.0 - 176.0 becomes more chloritic, schistosity at 45° CA, silicified with grey to white quartz veinlets. 176.0 - 177.0 veinlet with few patches of pyrite at low angle to core. 177.0 - 183.0 darker colour, locally partly broken. 183.0 - 192.0 chloritic with chlorite stringers at 191.0 feet minor pyrite weak foliation at 45° CA, rare semi massive pyrite stringers at 10° CA. 192.0 - 198.0 fairly massive.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-13

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu
		198.0 - 202.0 silicified and carbonated, disseminated pyrite. 202.0 - 237.0 fairly massive, weak foliation at 45° CA, slightly brecciated and carbonated in places, quartz carbonate stringers with chloritic contacts, few chloritic fractures at low angle to core, minor disseminated pyrite. 237.0 - 243.0 more chloritic, slightly brecciated, few quartz carbonate chlorite stringers oriented at 30° CA. 243.0 - 251.0 relatively massive, minor pyrite, locally brecciated and silicified slightly carbonated. 251.0 - 269.0 brecciated and carbonated weak foliation at 45° CA, core locally badly broken, chloritic fractures with minor carbonates.							
269.0	273.2	DIORITE fine to medium grained, massive, grey colour contacts roughly at 50° CA, weak schistosity at 25° CA, locally silicified and brecciated in places, minor disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-13
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu
			assay #						
279.2	334.0	TRONDHJEMITE coarse grained, massive, altered. 279.2 - 295.0 brecciated and carbonated, weak foliation at 20° CA, minor disseminated pyrite, few chloritic fractures. 295.0 - 299.0 highly altered and chloritic. 299.0 - 314.0 highly altered and schistosed, sericite schist ? original texture of rock is gone, minor disseminated pyrite. 314.0 - 319.0 chloritic and schistosity at 35° CA, few grey quartz veinlets with trace chalcopyrite, minor disseminated pyrite. 319.0 - 323.0 highly altered and chloritic (chlorite sericite schist) schistosity at 40° CA, minor disseminated pyrite. 323.0 - 334.0 highly sericitized and chloritic schistosity at 40° CA, minor disseminated pyrite.	29835	331.0	333.0	2.0	10		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-13

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu
334.0	336.0	McKENZIE GRAY VEIN							
		white quartz vein with few blebs of sphalerite and minor chalcopyrite, contacts oriented at 40° to 45° CA.	29894	333.0	336.0	3.0	1746	0.051	
336.0	340.0	ALTERED TRONDHJEMITE							
		light green colour sericite schist, 2 to 3% disseminated pyrite, schistosity at 40° CA.	29896	336.0	338.0	2.0	25		
			29897	338.0	341.0	3.0	40		
340.0	351.0	EAST VEIN							
		Grey to white in colour, pyrite + grey mineral brecciated with patches of sericite schist, chloritic fractures.	29898	341.0	346.0	5.0	107		
			29899	346.0	350.0	4.0	261		
			29900	350.0	352.0	2.0	110		
351.0	353.0	TRONDHJEMITE							
		highly sericitized, 2-3% disseminated pyrite.							
353.0	359.0	QUARTZ VEIN							
		massive, white colour, minor pyrite slightly brecciated with sericite on fractures.	29926	352.0	353.5	1.5	103		
			29927	353.5	358.4	4.9	39		
353.0	359.5	ALTERED TRONDHJEMITE							
		as before, highly sericitized, schistosity at 30° CA. 2-3% disseminated pyrite.							
359.5	363.0	QUARTZ VEIN							
		massive slightly brecciated, minor pyrite, few blebs of chalcopyrite, patches of sericite schist with also large parches of chlorite close to lower contact.	29928	358.4	363.5	5.1	661		

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-13

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu
363.0	400.0	TRONDHJEMITE							
		363.0 - 367.0							
		highly sericitized with quartz eyes 2% disseminated pyrite, schistosity at 45° CA, few quartz carbonate stringers.	29929	363.5	366.0	2.5	22		
		367.0 - 400.0							
		carbonated, weak foliation at 40° CA, slightly sericitized, chloritic fractures few quartz carbonate veins and veinlets minor disseminated pyrite, core locally partly broken.							
		400.0							
		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-14
SHEET: 1 of 5

1 COMPANY : NIPIGON GOLD RESOURCES INC.
TOWNSHIP: McKenzie - Gray
PROJECT NO:
CLAIM NO: K475273
HOLE NO: NG-92-14

COORDINATE : L-7+77E 2+78S
ELEVATION:
BEARING: 012°
DIP: -53°

Core stored on property

2 LENGTH : 206'
CASING :
CASING LEFT IN HOLE: YES ____ NO X
SAMPE NO : 11
SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : July 3rd, 1992
COMPLETED : July 4th, 1992
CORE SIZE : BQ
Drilled by: DOMINIK DRILLING (1981) INC.

BY: _____
CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-14
Trou no:

From De	To A	DESCRIPTION	analyse no. assay #	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
0.0	34.0	OVERBURDEN							
34.0	147.0	TRONDHJEMITE							
		massive grey coarse grained.							
		34.0 - 36.0							
		slightly sericitized and carbonated.							
		36.0 - 48.0							
		slightly brecciated few white quartz + carbonate veins oriented 70° CA. with chlorite at margin. minor disseminated pyrite.							
		48.0 - 62.0							
		becomes slightly more mafic. locally altered. weak foliation at 65° CA, minor rusty fractures with chlorite and carbonate.							
		62.0 - 71.0							
		still more mafic with chloritized amphiboles. few quartz carbonate veinlets at 25° CA.							
		71.0 - 77.0							
		more reddish in colour. carbonated. more disseminated pyrite.							
		77.0 - 85.0							
		8% chloritized amphiboles.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-14

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag ppm	Cu / Zn
		85.0 - 91.0 brecciated few chlorite stringer foliation at 50° CA. 91.0 - 106.0 silicified carbonated, grey to white quartz veins at low angle to core, chloritic margin, minor disseminated pyrite within wall rock, becomes brecciated toward 106.0 feet, pyrite also concentrated along fractures. 106.0 - 121.0 fairly massive, weak foliation at 45° to 50° CA, rare quartz carbonate stringers at 45° CA with chloritic contacts. 121.0 - 135.0 locally highly silicified, generally carbonated, weak foliation at 45° CA, few chloritic fractures at 40° to 50° CA. 135.0 - 147.0 becomes sericitized and carbonated, no more mafic minerals, foliation at 50° CA, zones of finer grained, trace to 2% disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # NG-92-14
Trou no:

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
147.0	164.5	McKENZIE GRAY VEIN							
		147.0 - 149.0							
		white pinkish quartz veins and grey to white quartz veins with numerous inclusions of highly altered trondhjemite. big blebs and stringers of minor chalcopyrite and abundant sphalerite mainly within pinkish quartz veins upper contact at 70° CA, 2-3% disseminated pyrite within wall rock.	35458	147.0	149.0	2.0	1040 0.030	12.0	400 3.76
		149.0 - 159.0							
		highly silicified and carbonated few pinkish quartz veinlets schistosity at 40° CA, minor disseminated sphalerite within veinlets along with minor chalcopyrite.	35456	149.0	152.5	3.5	18		
			35455	152.5	155.0	2.5	1532 0.046	5.6	200 2800
			35457	155.0	159.5	4.5	2044 0.060	3.2	100 600
		159.0 - 164.5							
		grey white to pinkish quartz vein, 2-3% sphalerite + minor chalcopyrite as semi massive blebs along fractures.	35454	159.5	164.5	5.0	5881 0.172	20.0	600 2.72
164.5	171.0	ALTERED TRONDHJEMITE							
		grey colour, massive highly silicified and carbonated. 1 to 2% disseminated pyrite.	35451	169.0	171.8	2.8	84		
171.0	176.0	McKENZIE GRAY VEIN							
		grey white to pinkish quartz vein with massive sphalerite over 2 feet from 173.0 - 175.0 feet very limited chalcopyrite trondhjemite inclusion usually brecciated and highly altered.	35452	171.8	174.2	2.4	6475 0.189	222.4	3400 33.8%
			35453	174.2	176.0	1.8	1337 0.039	24.0	50 6600

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-14

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag ppm	Cu Zn
			assay #						
176.0	183.0	ALTERED TRONDHJEMITE as before. 176.0 - 178.0 pinkish colour due to hematite alteration. weak foliation at 50° CA, zone of finer grained material. 178.0 - 183.0 highly altered and brecciated, strong foliation at 45° CA, brecciated quartz vein 4 inches wide oriented at 45° CA with traces of pyrite.	35459	178.0	183.0	5.0	21		
183.0	191.0	GREY QUARTZ VEIN brecciated grey quartz vein, with numerous fractures filled with carbonate 1 to 2% pyrite as large cubes and patches within quartz vein which also contain numerous inclusion of altered and pyritized trondhjemite.	35460 35461	183.0 186.0	186.0 191.0	3.0 5.0	190 91		
191.0	198.0	SHEAR ZONE highly schistose trondhjemite, looks like fine laminated reddish tuff, schistosity from 40° to 45° CA, minor gauge material locally.							
198.0	206.0	TRONDHJEMITE slightly altered.							
206.0		END OF HOLE.							

Mining
Exploration
Consultant

OVALBAY Geological Services Inc.

DIAMOND DRILL RECORD

HOLE No: NG-92-15

SHEET: 1 of 4

1 COMPANY : NIPIGON GOLD RESOURCES INC.

TOWNSHIP: McKenzie - Gray

PROJECT NO:

CLAIM NO: K475275

HOLE NO: NG-92-15

COORDINATE : L-8+96E 4+17S

ELEVATION:

BEARING:

DIP : -45°

Core stored on property

2 LENGTH : 156'

CASING :

CASING LEFT IN HOLE: YES ____ NO X

SAMPE NO : 3

SAMPLES SECTION :

3 SPECIAL TESTS

ETCH TEST

DEPTH	RDG

TROPARI

DEPTH	BEARING	DIP

4 COMMENCED : July 4th, 1992

COMPLETED : July 4th, 1992

CORE SIZE : BQ

Drilled by: DOMINIK DRILLING (1981) INC.

BY

CLAUDE LAROUCHE, P. Engineer

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-15

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag	Cu
0.0	14.5	OVERBURDEN							
14.5	122.0	TRONDHJEMITE							
		massive, medium to coarse grained, grey colour.							
		14.5 - 16.0							
		white to pinkish quartz veins with tourmaline stringer	35462	14.5	16.0	1.5	5		
		16.0 - 26.0							
		silicified, fractured carbonated, numerous quartz carbonate stringer.							
		26.0 - 26.5							
		small mafic dyke schistose and oriented at 40° CA.							
		26.5 - 30.0							
		carbonated, few stringers.							
		30.0 - 39.0							
		locally fairly massive, brecciated in place, rare stringers.							
		39.0 - 44.0							
		highly schistose, schistosity parallel to core, few white quartz stringers with chlorite margin also parallel to core, minor disseminated pyrite.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-15

From De	To A	DESCRIPTION	analyse no.	de from	à to	longueur length	Au ppb	Ag	Cu
			assay #						
		44.0 - 50.0 highly schistose at 0 to 30° CA core badly broken in place. abundant quartz veining up to 46.0 feet rosy colour, minor pyrite chlorite also abundant as irregular patches, rusty fractures.	35463	43.0	46.0	3.0	< 5		
		50.0 - 57.0 more massive. one quartz carbonate chlorite stringer at low angle to core, trondhjemite is carbonated with few fractures.							
		57.0 - 71.0 fairly massive. slightly carbonated, rare quartz stringer few silicified areas with quartz flooding, trace of pyrite.							
		71.0 - 76.0 massive.							
		76.0 - 77.0 grey white quartz veinlets at 45° CA with tourmaline, trace of chalcopyrite ?, minor pyrite.	35464	76.0	77.0	1.0	7		
		77.0 - 86.0 silicified and carbonated, numerous fractures with chlorite and carbonated.							

DIAMOND DRILL RECORD

JOURNAL DE SONDAGE

Hole # / Trou no: NG-92-15

From / De	To / A	DESCRIPTION	analyse no. / assay #	de / from	à / to	longueur / length	Au ppb	Ag	Cu
		86.0 - 101.0 weak foliation at 40° CA, carbonated, locally silicified, few inclusions of fine grained material brecciated in places with few chloritic fractures. 101.0 - 115.0 massive, rosy colour, amphiboles as mafic minerals. 115.0 - 122.0 few quartz carbonate stringers.							
122.0	130.0	DIORITE grey massive fine to medium grained contacts at 45° CA, few quartz carbonate stringers and veinlets with minor tourmaline.							
130.0	156.0	TRONDHJEMITE as before, massive coarse grained brownish colour, few chloritic fractures with carbonates, weak foliation at 70° CA, one white quartz vein at 144.5 feet with minor chlorite.							
156.0		END OF HOLE.							

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9410. 00049

AFRO

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lan... Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplic... ...g
- Refer to the Mining Act and Regulations ... Recorder.
- A separate copy of this form must be co... 900
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

52C10NE0005 W9410.00049 BAD VERMILION LAKE

Recorded Holder(s)		Client No.
NIPIGON GOLD RESOURCES LTD		
Address		**Telephone No.**
1070 Lithium Drive, Unit # 1 THUNDER BAY ONTARIO P7B 6G3		(807) 623-3770
Mining Division	**Township/Area**	**M or G Plan No.**
KENORA	BAD VERMILION LAKE	G-2665
Dates Work Performed From: May 16th, 1992	To: July 4th, 1992	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	DIAMOND DRILLING
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

ONTARIO GEOLOGICAL SURVEY
GIS - ASSESSMENT FILES
MAY 2 ? 1994
RECEIVED

Total Assessment Work Claimed on the Attached Statement of Costs $ 104,772

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
OVALBAY GEOLOGICAL SERVICES INC.	1070 Lithium Drive, Unit # 1 THUNDER BAY ONT. P7B 6G3
FORAGE DOMINIK (1981) INC.	1080 Rue de L'Echo VAL D'OR QUEBEC J9P 4P3

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Maylst, 1994	[signature]

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying		
CLAUDE LAROUCHE 385 Riviera Drive THUNDER BAY ONTARIO P7B 6K2		
Telepone No.	**Date**	**Certified By (Signature)**
(807) 768-0786	May 1st, 1994	[signature]

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
	May 4/94	Acting [signature]	KENORA - MINING DIV. RECEIVED MAY - 4 1994 AM PM 7 8 9 10 11 12 1 2 3 4 5 6
	Deemed Approval Date: Aug 2/94	Date Approved: May 17/94	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	475273	1	72,502		9,360	63,142
	475274	1	24,098		0	24,098
	475275	1	8,172		0	8,172
	1051075	1		240		
	1051076	1		240		
	1051077	1		240		
	1051078	1		240		
	1051079	1		240		
	1051080	1		240		
	1051081	1		240		
	1051082	1		240		
	1051083	1		240		
	1051084	1		240		
	1051085	1		240		
	1051086	1		240		
	1051087	1		240		
	16					
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1051088	1		240		
	1051089	1		240		
	1051090	1		240		
	1051091	1		240		
	1051092	1		240		
	1051093	1		240		
	1051094	1		240		
	1051095	1		240		
	1051096	1		240		
	1051097	1		240		
	1051098	1		240		
	1051099	1		240		
	1051100	1		240		
	1051101	1		240		
	1051102	1		240		
	1051103	1		240		
	1051104	1		240		
	17					
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

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Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1051105	1		240		
	1051106	1		240		
	1051107	1		240		
	1051108	1		240		
	1051109	1		240		
	1051110	1		240		
	1051111	1		240		
	1051112	1		240		
	1051113	1		240		
	9		104,772	9,360	9,360	95,412
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritze the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
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3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

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Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date May 1st, 1994

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Geology	15,912	
	Drilling	86,379	
	Assaying	2,481	104,772
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		104,772

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**		104,772

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Agent (Recorded Holder, Agent, Position in Company) I am authorized to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé à faire cette attestation.

Signature	Date
	May 1st, 1994

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

LITTLE TURTLE LAKE - G-2682

BLISS LAKE - G-2668

WILD POTATO LAKE - G-2703

MELIN LAKE - G-2689

92°45'

92°30'

48°45'

48°37'30"

Bad Vermilion Lake

Island

Seine River

I R No. 33 B

P DRILL

0-3-94

1161492

1161493

1150051

1196541

1150050

1196539

WA410.00049

EFFECTIVE

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	MRO
SURFACE RIGHTS ONLY	SRO
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED PATENTED	C

REFERENCES

DATE OF ISSUE
JUL 1 2 1994
KENORA
MINING DIVISION

LANDS OPEN TO STAKING, PROSPECTING ETC.
JUNE 3, 1994
0-3-94

SCALE: 1 INCH = 40 CHAINS

BAD VERMILION LAKE

MINING DIVISION

KENORA

PORT FRANCES

RAINY RIVER

486323