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REPORT ON  
DIAMOND DRILLING PROGRAM  
1984  
MAGINO GOLD PROPERTY  
GOUDREAU, ONTARIO

FOR

MCNELLEN RESOURCES INC.  
TORONTO, ONTARIO

OM83-7-C-162

DONALD A. BOURNE, P.ENG.

SCARBOROUGH, ONTARIO  
JANUARY 31, 1985

## INTRODUCTION

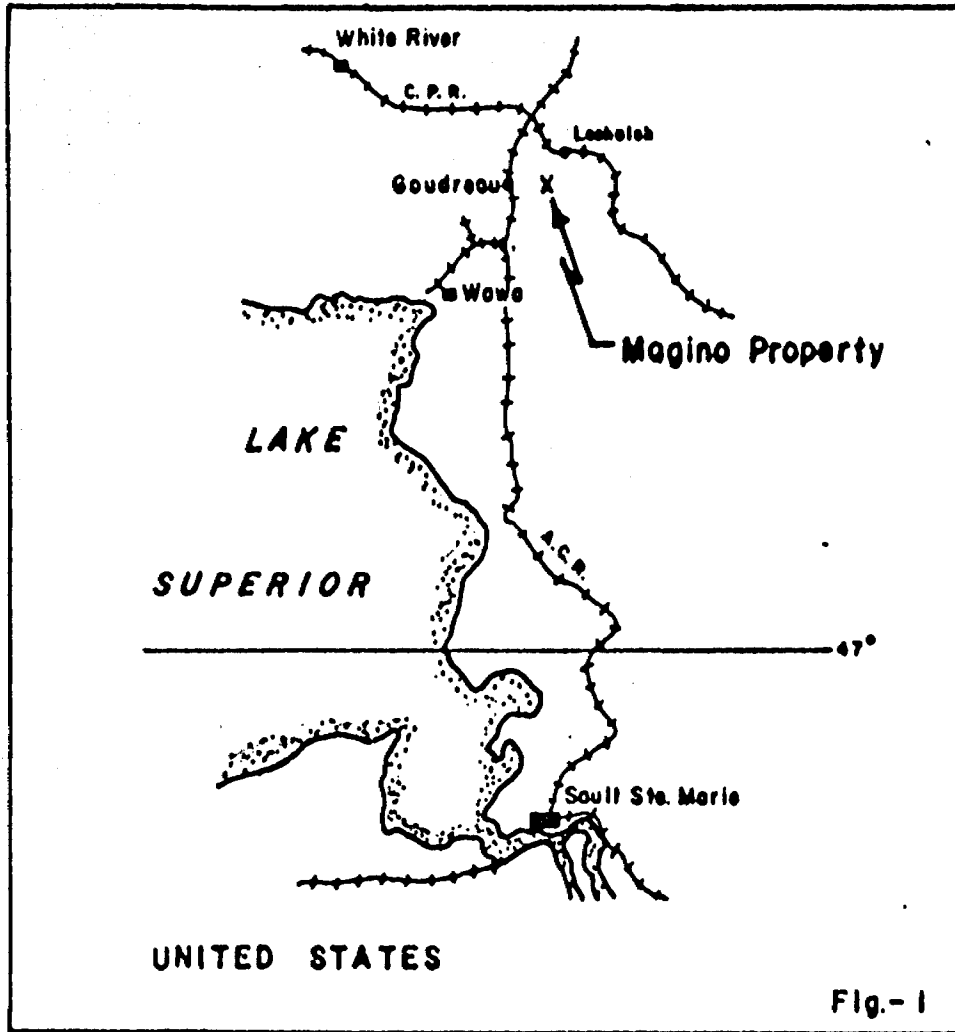
Between July 5, 1984 and September 19, 1984 McNellen Resources Inc. on behalf of the Magino Joint Venture completed a total of 5,121.9 feet of surface diamond drilling in 25 holes on the Magino gold mine property in Finan Township, Sault Ste. Marie Mining Division about 30 air miles northeast of Wawa, Ontario. The purpose of the drilling program was three-fold:

- to test the western continuity along strike of the gold-bearing zones developed underground in the mine area.
- to test under geophysical anomalies obtained in the 1982 surface exploration program on outlying areas of the property.
- to test under rock trenching immediately north of the west end of Lovel Lake from which a grab sample assayed 0.80 ounces of gold per ton.

The drilling was contracted to Herb Funk Diamond Drilling Ltd. of Michipicoten, Ontario who used a diesel-driven J.K. 300 wire-line machine to recover BQ core of 1 <sup>7</sup>/<sub>16</sub> inch diameter. The core was logged by Mr. F.T. Archibald, B.Sc. and all assaying was done by recognized laboratories in Ontario. Core recovery was in excess of 98% and all the core has been boxed and stored under protective cover at Michipicoten. A signed copy of the log of each hole with assay results and a plan showing the location of the collars of all the holes is enclosed with this report.

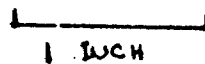
## PROPERTY DESCRIPTION AND LOCATION

The Magino gold property consists of a block of 7 contiguous patented mining claims and 47 unpatented mining claims covering approximately 2,000 acres located in the extreme south central part of Finan Township in the Goudreau-Lochalsh area about 175



LOCATION MAP

1 inch = 40 miles



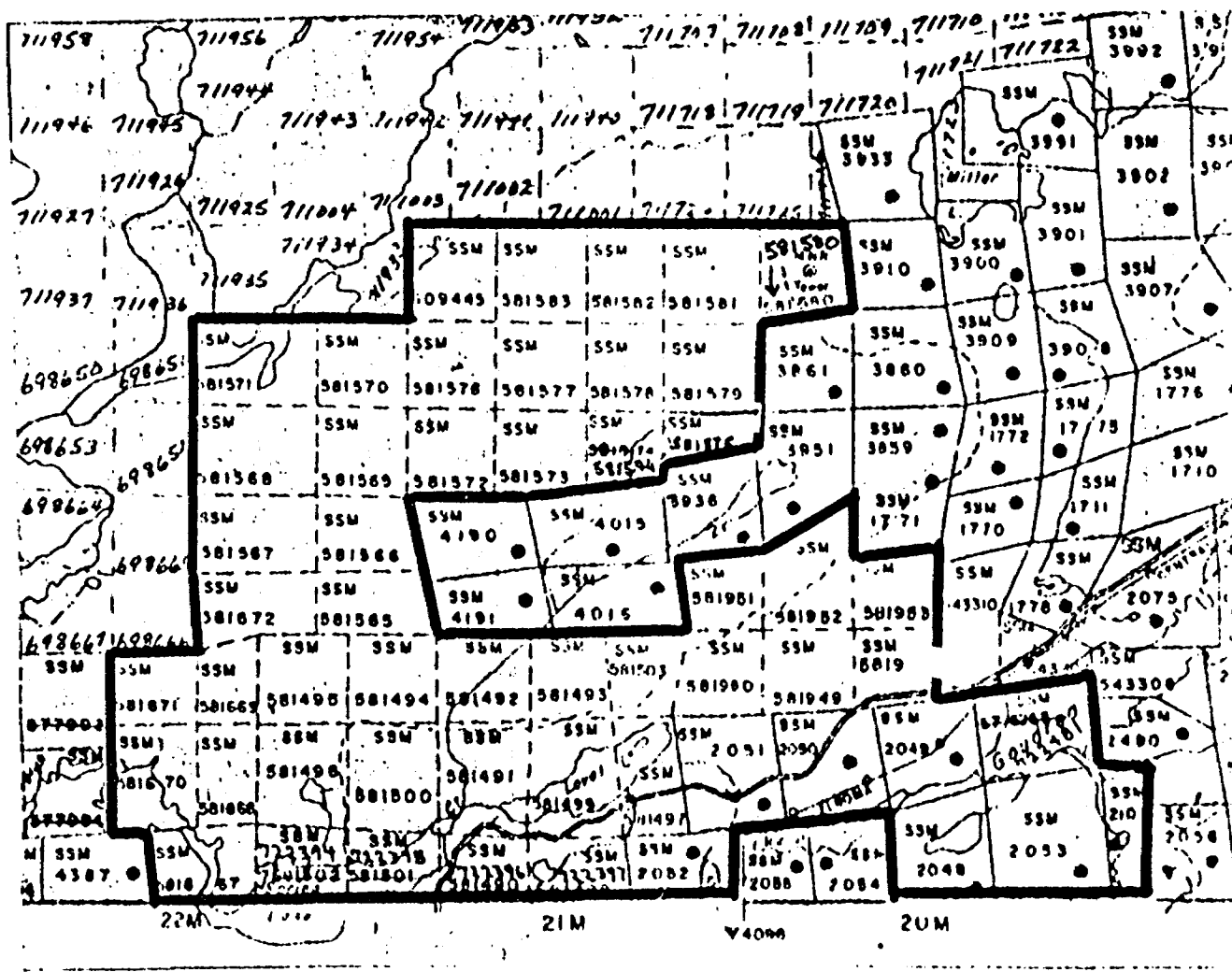
air miles north of Sault Ste. Marie, Ontario. A well-maintained all weather gravel road branches off the Trans Canada Highway mid-way between Wawa and White River and leads to Dubreuilville, a small sawmill-based community about 20 miles to the east. From here a forest access road gives ready access to the mine site, the total distance from Wawa being 65 miles. The property lies about 4 miles east of Goudreau, a flag stop on the Algoma Central Railway and about 9 miles southwest of Lochalsh, a station on the main Canadian Pacific Railway line.

A 44,000 KVA power line owned by Great Lakes Power Corp. crosses the Magino claim group and sufficient hydroelectric power is now available for both plant and camp use negating the need for a diesel generating plant except for stand-by purposes.

#### GEOLOGY AND GOLD DEPOSITS

Much of the Goudreau-Lochalsh area is underlain by basic and acidic metavolcanics with considerable intercalated pyroclastic and sedimentary material, all of early Precambrian age. Intrusive into these formations are irregular stock-like bodies of granodiorite and associated rock types. Cutting across and later than these units are diabase dykes which are post-ore in age.

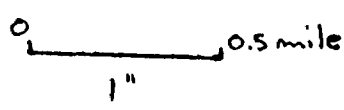
Located along the southern contact of the granodiorite stock on the Magino claim group are five sub-parallel, steeply dipping gold-bearing quartz veins which occupy east-west striking fracture zones cutting both the granodiorite and the volcanics. In previous exploration and development, these zones had been traced out over lengths of between 800 and 1,200 feet but had not been fully delineated along strike or to depth. All the gold values previously mined on the Magino property occurred in fractures within the granodiorite although diamond drilling east of the prominent diabase dyke marking the east end of the underground workings indicates that most of the gold values



GLAIM MAP

From Plan M. 1584 FINAN TOWNSHIP  
 Ministry of Natural Resources of Ontario

Scale: 1" to  $\frac{1}{2}$  mile



east of the dyke occur in quartz veins or zones of silicification in the volcanics and associated pyroclastics immediately adjacent to the granodiorite contact.

Native gold occurs in lenticular quartz veins and sheared zones into which quartz has been introduced. In general the mineralogy is relatively simple, pyrite being the main sulphide and tourmaline the principal silicate. Native gold occurs both in the quartz and finely disseminated with the pyrite, the better grade values occurring where the gangue is predominately quartz rather than carbonate. Gold production from mines within the Goudreau-Lochalsh area has been as follows (gold valued at \$35.00 per ounce).

SUMMARY OF GOLD PRODUCTION  
GOUDREAU-LOCHALSH AREA  
ONTARIO

<u>Property</u>	<u>From</u>	<u>To</u>	<u>Tons Milled</u>	<u>Oz. Gold</u>	<u>Total Value</u>
Algold	1936	1940	23,211	2,450	\$ 84,567
Cline	1938	1948	331,842	63,328	2,369,053
Edwards	1937	1938	1,573	485	16,977
Magino	1933	1939	116,627	8,776	308,334
			<u>473,253</u>	<u>75,039</u>	<u>\$2,778,940</u>

In a regional context, the Magino gold property is favourably located. It lies within a suite of intermediate to felsic volcanics with associated pyroclastics. The property appears to straddle a portion of a major regional geological horizon which hosts several gold deposits and large accumulations of sulphide iron formation on the northern boundary of the Missanabie Iron Range. It is this type of geological

assemblage which is currently receiving considerable attention from the geological community as a possible host for large tonnage gold deposits.

#### SUMMARY OF PREVIOUS WORK

The Magino mine was in production from 1933 to 1939 during which time a total of 116,627 tons was milled to recover 8,776 ounces of gold. Excessive over-break and consequent heavy dilution in the stopes, the lack of an underground waste pass system and generally poor management all contributed to unacceptably low mill heads and an inefficient operation.

Since 1981, a comprehensive program of diamond drilling and mine evaluation has been carried out on the property by McNellen Resources Inc. and Cavendish Investing Ltd. under a joint venture agreement. Work to date has included the following:

- dewatering and rehabilitating the mine workings
- extensive channel sampling of the drift backs
- a program of surface and underground diamond drilling totalling approximately 25,000 feet not including the 1984 program
- preparing a pre-feasibility study.

As a result of this program, the mineral inventory within the mine area is now estimated at 270,000 tons grading 0.45 ounces of gold per ton (uncut) or 0.28 ounces of gold per ton (cut). These reserves are contained within a strike length of approximately 900 feet, to a depth of 300 feet and over a minimum mining width of 5 feet. There are 2,000 tons per vertical foot indicated within the strike length tested and the gold-bearing zones remain open along strike and to depth.

SUMMARY OF UNDERGROUND DEVELOPMENT AND  
DIAMOND DRILLING  
MAGINO GOLD MINE

## 1. Shaft

- Inclined @ - 33° for a slope length of 413 feet  
(vertical depth 225 feet)
- Two hoisting compartments and manway

## 2. Underground Development

<u>Level</u>	<u>Drifting</u> (feet)	<u>Crosscutting</u> (feet)	<u>Raising</u> (feet)
Sub level	80	-	-
100 feet level	3,613	945	179
200 feet level	<u>2,248</u>	<u>747</u>	<u>220</u>
Total	<u>5,941</u>	<u>1,692</u>	<u>399</u>

## 3. Surface Diamond Drilling

	<u>No. of Holes</u>	<u>Total Footage</u>
1917-1940 period *	5	1,100
1942-1972 period	19	6,820
1981-1983 period	54	15,503
1984 program	<u>25</u>	<u>5,122</u>
Total	<u>103</u>	<u>28,545</u>

## 4. Underground Diamond Drilling

1917-1940 period	36	6,314
1942-1972 period	-	-
1981-1983 period	<u>42</u>	<u>8,581</u>
Total	<u>78</u>	<u>14,895</u>

\* Records incomplete



## RESULTS OF 1984 DRILLING PROGRAM

The main thrust of the 1984 surface diamond drilling program was to test the western extension along strike of the several gold-bearing zones developed underground in the mine area and consisted of 19 holes numbered JJ-1 to JJ-16 inclusive, JJ-23 and JJ-24. In addition three holes numbered JJ-17 to JJ-19 were drilled to test geophysical anomalies north of the mine area and three holes numbered JJ-20 to JJ-22 inclusive were drilled to test under rock trenching immediately north of the west end of Lovel Lake.

<u>Location</u>	<u>No. of Holes</u>	<u>Footage</u>	<u>% of Total</u>
Mine Extension	19	4,018.4	78.5
Exploration	3	544.5	10.6
Lovel Lake	<u>3</u>	<u>559.0</u>	<u>10.9</u>
	<u>25</u>	<u>5,121.9</u>	<u>100.0</u>

### (a) Mine Extension

A number of gold-bearing zones have been located underground south of the main vein system on which the inclined shaft was sunk and which have been collectively called the C Zone. This vein system occurs within the granodiorite stock immediately north of the metavolcanics and its possible continuity had been suggested by previous property owners who reported "considerable V.G." in trenching along strike to the west. A preliminary analysis of the 1984 drilling results indicates the following:

- the gold-bearing zones have been extended a further 1,200 feet along strike west of the underground mine workings
- more than 1 zone has been outlined
- the grade and width of the newly indicated gold zones are comparable to those in the mine area

MAGINO GOLD PROPERTY  
Surface Diamond Drilling

July 5, 1984 - September 19, 1984

<u>Hole No.</u>	<u>Bearing</u>	<u>Dip</u>	<u>Core Length</u>	<u>No. of Samples</u>	<u>Footage Sampled</u>
JJ-1	180 <sup>o</sup>	-45 <sup>o</sup>	100.0	16	60.7
JJ-2	180	-45	100.0	13	51.0
JJ-3	180	-45	111.0	16	62.9
JJ-4	180	-45	141.0	26	83.4
JJ-5	180	-45	152.5	22	144.1
JJ-5A	180	-45	101.0	12	37.5
JJ-6	187	-45	200.4	28	96.6
JJ-7	180	-63	264.2	28	89.1
JJ-8	180	-45	178.0	21	78.2
JJ-9	180	-45	159.0	27	92.1
JJ-10	180	-46	201.4	26	99.0
JJ-11	180	-44	372.5	44	147.0
JJ-12	180	-50	251.0	20	67.8
JJ-13	180	-45	239.5	35	124.1
JJ-14	180	-45	296.0	37	138.1
JJ-15	195	-45	312.0	35	126.0
JJ-16	198	-49	209.7	24	92.4
JJ-17	165	-55	219.0	19	88.5
JJ-18	165	-45	147.5	11	39.9
JJ-19	165	-45	178.0	13	44.4
JJ-20	145	-45	210.0	6	20.6
JJ-21	145	-45	249.0	9	33.4
JJ-22	145	-45	100.0	5	18.0
JJ-23	195	-45	306.2	42	145.4
JJ-24	195	-45	<u>323.0</u>	<u>40</u>	<u>152.3</u>
			<u>5,121.9</u>	<u>575</u>	<u>2,132.5</u>

- the number of occurrences of visible gold intersected in the 1984 drilling program is indeed striking.

Based on his personal knowledge of the geology of the Magino property, the writer considers that 3 gold-bearing zones have been outlined with a reasonable degree of confidence from the latest diamond drilling program.

"West Zone"

<u>Hole No.</u>	<u>From</u>	<u>To</u>	<u>Core Length</u>	<u>Oz. Gold</u>	
JJ-14	133.8	138.7	4.9	0.850	-
JJ-24	140.0	143.7	3.7	0.448	V.G.
JJ-15	85.0	86.5	1.5	1.440	V.G.

The above gives a weighted average of 0.790 ounces of gold per ton over a core length of 3.4 feet or 0.537 ounces of gold per ton over a core length of 5.0 feet for a strike length of at least 250 feet.

"Central Zone"

<u>Hole No.</u>	<u>From</u>	<u>To</u>	<u>Core Length</u>	<u>Oz. Gold</u>	
JJ-3	20.0	26.4	6.4	0.317	V.G.
JJ-9	69.3	77.0	7.7	0.573	-
JJ-7	27.5	37.7	10.2	0.231	V.G.
JJ-8	67.3	78.0	10.7	0.508	V.G.
JJ-5	37.5	39.0	1.5	0.187	-
JJ-6	84.8	87.8	3.0	0.140	V.G.
JJ-13	104.4	108.0	3.6	0.160	-
JJ-16	136.4	140.0	3.6	0.157	-
JJ-14	219.0	235.0	16.0	0.222	-

The above gives a weighted average of 0.313 ounces of gold

per ton over a core length of 6.97 feet for a strike length of 725 feet.

"Southeast Zone"

<u>Hole No.</u>	<u>From</u>	<u>To</u>	<u>Core Length</u>	<u>Oz. Gold</u>	
JJ-10	121.0	125.4	4.4	0.150	V.G.
JJ-3	47.6	51.0	3.4	0.122	-
JJ-1	24.5	33.2	8.7	0.531	V.G.
JJ-2	41.0	46.0	5.0	0.430	V.G.

The above gives a weighted average of 0.365 ounces of gold per ton over a core length of 5.4 feet for a strike length of at least 250 feet.

In summary, the recent drilling program has confirmed the western extension of part of the gold-bearing structures developed underground at the Magino mine and has traced out 3 en echelon zones averaging 0.376 ounces of gold per ton over 5.9 feet for a combined strike length of approximately 1,225 feet. From an analysis of the hole angles and the known dip of the mineralized zones in the mine area, it is considered that the core intersections approximate the true width.

Several other gold values were intersected in the drilling notably 6.15 ounces of gold (with V.G.) over 2.6 feet from 129.0 to 131.6 feet in hole JJ-4 which warrants follow-up work either by drilling or underground development.

(b) Exploration

As part of the 1984 diamond drilling program, 3 holes totalling 544.5 feet in length and numbered JJ-17 to JJ-19 inclusive were drilled to test ground geophysical anomalies

obtained in the surface exploration program carried out over the Magino property in 1982. These holes were drilled north of the granodiorite stock outcropping in the mine area and indicated both mafic and felsic metavolcanics. Although considerable amounts of sulphides were intersected in each hole, no gold or silver values were obtained.

A 39.5 foot core length of iron formation was intersected in hole JJ-17 from 136.7 to 176.2 feet. Within this zone, individual 5 foot sections contained 60% to 90% massive sulphides consisting mainly of pyrite and pyrrhotite with minor chalcopyrite and sphalerite banded at 65° to 70° to the core axis. Gold values however ranged from trace to a nominal 0.002 ounces per ton and the highest silver assay was 0.02 ounces per ton. Scattered sections of banded silica and sulphides containing up to 50% pyrite with minor pyrrhotite and magnetite were also intersected in the other 2 holes but only very low gold values were obtained.

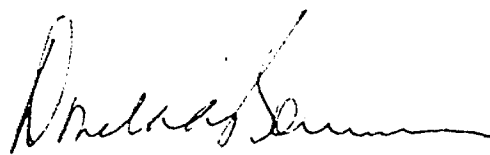
(c) Lovel Lake Drilling

As part of the 1984 drilling program, 3 holes totalling 559.0 feet in length were drilled under some rock trenching on claims 581491 and 581499 immediately north of the west end of Lovel Lake about 2 miles west of the mine site. The trenching was probably carried out in the 1930s and exposed quartz-tourmaline stringers cutting granodiorite. A grab sample from one of these stringers taken by McNellen in 1982 assayed 0.80 ounces of gold per ton. Geological mapping indicates that the north contact of the granodiorite stock strikes through Lovel Lake and "noses" out just to the west of the west end of the lake. The following values were obtained in the drilling.

<u>Hole No.</u>	<u>From</u>	<u>To</u>	<u>Core Length</u>	<u>Oz. Gold</u>	<u>Remarks</u>
JJ-20			No Values		
JJ-21	27.5	31.5	4.0	0.18	Carbonatized, siliceous, less than 1% disseminated cubic pyrite, cut by 2" quartz-tourmaline stringers
JJ-22	84.0	85.0	1.0	0.272	Coarse white quartz stringer

Both values occur in the granodiorite. The granodiorite-metavolcanic contact was only intersected in hole JJ-20.

Respectfully submitted



Donald A. Bourne, P.Eng.

SCARBOROUGH, Ontario  
January, 31, 1985

# DIAMOND DRILL RECORD

July 5 - 7, 1984

-45°

N 180° E

35° North of Showing

L 29+55 East

3 ± 35 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 1

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			V.G.
FROM	TO		NO.	% SULPHIDES	FROM	TO	TOTAL	oz ton	
0	10.0	<u>CASING</u> - Sand & Boulder (Glacial Till)							
10.0	10.4	<u>ALTERED GRANODIORITE INTRUSIVE</u> - massive, med. grained							
10.4	19.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - grey/green colour, slightly chloritic, banded @ 70° to C.A., with up to 2% disseminated pyrite in sections, fine grained. 11.7 - 13.8, carbonate rich, vugaceous	8411	-2%	10.4	14.0	3.6'		.012
			8412	-2%	14.0	19.0	5.0'		.010
19.0	24.5	<u>ALTERED GRANODIORITE INTRUSIVE</u> - massive, equigranular, medium grained less altered, pink/green colour, slightly chloritic, low speck pyrite (in sections @ 18.4' - 1/2" <u>Quartz/tourmaline</u> seam @ 70° to CA. with odd speck pyrite, white quartz	8413	-1%	19.0	24.5	5.5'		.002
24.5	33.2	<u>ALTERED GRANODIORITE INTRUSIVE (HIGHLY)</u> - with carbonate rich shearing in sections, 2% disseminated pyrite with up to 5% pyrite in sections @ 24.7' - 1/2" <u>Quartz</u> seam with V.G. @ 70° to core axis	8414	2-5%	24.5	27.0	2.5'	0.94	.042
		@ 27.0' - 1/2" <u>Quartz</u> seam with V.G. specks/seams	8415	2%	27.0	31.2	4.2'	0.04	.002
		@ 33.0' - 2" <u>Quartz</u> seam with V.G. specks/seams	8416	2-5%	31.2	33.2	2.0'	-	1.05
		@ 26.2' - 2" <u>Quartz</u> /carbonate seam @ 70° to C.A. sugary textured quartz, low pyrite	84116	-	33.2	35.2	2.5'		0.04
		@ 27.5' - 2" <u>Quartz</u> seam with carbonate, low disseminated pyrite							
33.2	36.8	<u>GRANODIORITE INTRUSIVE</u> - more massive, equigranular, medium grained, pink/grey colour, banded @ 70° to core axis in sections	8417	-1%	33.2	36.5	3.3'		.002

Reassays

.447  
8.7'

LANGRIDGES - TORONTO - 368-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 1

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
36.8	46.0	GRANODIORITE INTRUSIVE - massive, with up to 1% dissem. magnetite crystals, odd speck/cube pyrite, pink/grey colour, medium grained										
46.0	58.4	<u>ALTERED GRANODIORITE INTRUSIVE</u> - felsic rich in sections fine grained, siliceous, banded to 70° to C.A., moderately chloritic, -1% fine disseminated pyrite cube, gray/green colour  Some calcite/silica/tourmaline rich seams, sercitic rich sections	8418	1%	46.0	52.2	6.2'				.004	
			8419	1%	52.2	58.4	6.2'				.084	
58.4	71.3	<u>ALTERED GRANODIORITE INTRUSIVE (SLIGHTLY)</u> - highly chloritic, massive mafics altered to chlorite, massive, equigranular, pink/green colour, some calcitic rich seams, low speck pyrite/magnetite.										
71.3	76.8	<u>ALTERED GRANODIORITE INTRUSIVE (SLIGHTLY)</u> - with slight banding @ 70° to core axis, non-mineralized										
76.8	80.3	<u>GRANODIORITE INTRUSIVE</u> - massive, equigranular, highly chloritic (altered mafics), medium grained										
80.3	100.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - banded @ 70-75° to C.A. increasing chlorite content with depth (approaching contact area?)  80.3 - 85.6, slightly siliceous, 1 - 3% fine disseminated pyrite cube	84-110	1-3%	80.3	85.6	5.3'				.012	



# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 1

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	Au		V.G.
					FROM	TO	TOTAL			OZ. TON	OZ. TON	
		85.6 - 87.5, decreasing pyrite and siliceous content	84-111	-1%	85.6	87.5	1.9'				.002	
		87.5 - 92.5, massive, medium grained, equigranular	84-112	-1%	87.5	92.5	5.0'				.004	
		92.5 - 95.0, up to 1% disseminated pyrite	84-113	-1%	92.5	95.0	2.5'				.002	
		95.0 - 98.0, siliceous rich, 1 - 3% dissem./ seam pyrite, some tourmaline rich seams	84-114	1-3%	95.0	98.0	3.0'				.034	
		@ 98.0 - 1/2" <u>Calcite</u> seam @ 30° to core axis										
		98.0 - 100.0, odd speck pyrite, massive	84-115	-1%	98.0	100.0	2.0'				.002	
100.0		<u>END OF HOLE</u>										

*Handwritten signature*

# DIAMOND DRILL RECORD

L 28+95 East  
3+20 South  
50' North of Showing

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

July 3, 1984

-45°

N 180° E

HOLE NO. JJ - 2

SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON	V.G.	
					FROM	TO						TOTAL
0	10.0	<u>CASING</u> - Sand & Boulder Glacial Till Overburden										
10.0	46.0	<u>ALTERED GRANODIORITE</u> - Light grey colour, moderately chloritic, slightly siliceous, mafics altered to chlorite, slightly banded @ 70° to C.A. 10.0 - 11.8, carbonate rich, vugaceous 11.8 - 13.3, massive with 2-3% dissem. pyrite 13.3 - 14.0, carb/siliceous rich, vugaceous 14.0 - 19.2, massive with less than 1% fine disseminated pyrite cube 15.6 - 16.0, carb/siliceous rich @ 16.2 - 1/2" Quartz seam with malachite and chalcopryite 19.2 - 22.0, carbonate/serecite rich with 1% fine disseminated pyrite cube 22.0 - 38.0, massive with odd speck/seamlet pyrite/chalcopryite, odd quartz-tourmaline seam @ 45° to core axis 38.0 - 41.0, carbonate/silica rich, vugaceous 41.0 - 46.0, generally less than 1%, seamlet/cube pyrite with up to 4% in sections @ 42.5 - 2" <u>Quartz</u> seam @ 75° to C.A., grey colour @ 44.7 - 2" <u>Quartz</u> seam with V.G., white, sugary texture @ 75° to CA. @ 45.2 - 1" <u>Quartz</u> seam with V.G., white, sugary texture @ 75° to C.A.	8421	-3%	10.0	14.0	4.0'					
			8422	-1%	14.0	19.2	5.2'					
			8423	1%	19.2	22.0	2.8'					
			8424	-1%	22.0	28.0	6.0'					
			8425	-1%	28.0	33.0	5.0'					
			8426	-1%	33.0	38.0	5.0'					
			8427	-1%	38.0	41.0	3.0'		0.02	.004		
			8428	-4%	41.0	46.0	5.0'		0.43	.284	*	.357
												5.0'
46.0	68.0	<u>GRANODIORITE</u> - slightly altered, slight banding @ 70 - 75° to Core Axis, odd speck pyrite, moderately chloritic	8429	-1%	46.0	51.0	5.0'			.004		

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

HOLE NO. JJ - 2

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON	V.G.
68.0	90.1	<u>GRANODIORITE</u> - massive, pink/grey colour, moderate to highly chloritic (mafics altered to chlorite), -1% disseminated magnetite crystals, odd speck pyrite, medium grained, equigranular  @ 78.0 - 2" <u>Quartz</u> seam (barren)  84.0 - 85.0, banded @ 80° to core axis with up to 3% pyrite, siliceous	84-210	-3%	84.0 85.0 1.0'			Reassay	.018	
90.1	100.0		<u>ALTERED GRANODIORITE</u> - moderately chloritic, banded @ 80° to core axis  90.1 - 96.0, fine calcitic shearing @ 80° to CA. 90.1 - 93.0, less than 1% dissem. pyrite 93.0 - 96.0, 1 - 3% dissem. pyrite	84-211	-1%	90.1 93.0 2.0'				.006
		@ 95.0 - 3" <u>Quartz</u> seam with V.G. @ 80° to C.A.	84-212	1-3%	93.0 96.0 3.0' (93.0 97.0 4.0')				.099	} .093
		96.0 - 100.0, massive.	84-213	-3%	96.0 100.0 4.0'			0.09	.008	
	100.0	<u>END OF HOLE</u>								

# DIAMOND DRILL RECORD

L 30+15 East  
3+00 South  
55° North of Showing

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.  
HOLE NO. JJ - 3 SHEET NO. 1 of 2

July 9, 1984

-45°

N 180 E

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	V.G.	
					FROM	TO						TOTAL
0	10.0	<u>CASING</u> - Sand & Boulder Glacial Till Overburden										
10.0	25.2	<u>GRANODIORITE INTRUSIVE</u> - with blue quartz eyes, porphyritic texture, slightly altered, fine to medium grained, slightly chloritic, low siliceous/tourmaline rich banding @ 50-80° to core axis, carbonate specks, up to 1% disseminated pyrite cube/seamlets	8431	-1%	10.0	15.0	5.0'			.002		
			8432	-1%	15.0	20.0	5.0'			.006		
			8433	-1%	20.0	25.0	5.0'			0.02	.010	
25.2	51.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - banded @ 50-70° to core axis, with carbonate rich seams, vugaceous in sections, fine calcite/silica shearing in sections, low specks of pyrite 25.2 - 26.4, carbonate rich, to 1% pyrite @ 25.2 - 3" <u>Quartz</u> seam with V.G. 26.4 - 31.0, more massive 31.0 - 38.4, carbonate rich shearing 32.0 - 32.7, weathered, blocky 37.0 - 38.4, carbonate rich, weathered, vugaceous and blocky 38.4 - 42.0, more massive 42.0 - 47.6, carbonate rich, with fine quartz stringers, averaging 1% pyrite (up to 2% in some sections) 42.0 - 43.0, highly carbonate rich 46.2 - 47.5, highly carbonate rich @ 42.5 - 1" <u>Quartz</u> seam with V.G., carbonate rich 47.6 - 51.0, slight banding @ 65° to core axis, schistose, sercite rich	8434	1%	25.0	26.4	1.4'			0.26	1.09	*
			8435	-1%	26.4	31.0	4.6'			0.02	.004	
			8436	-1%	31.0	34.7	3.7'				.012	
			8437	-1%	34.7	38.4	3.7'				.002	
			8438	-1%	38.4	42.0	3.6'				.002	
			8439	1-2%	42.0	47.6	5.6'			0.08	.030	*
			84310	-1%	47.6	51.0	3.4'				.122	
			84317	-	51.0	53.0	2.0'				.01	
51.0	68.0	<u>GRANODIORITE INTRUSIVE</u> - massive, equigranular, medium grained, pink/black colour, slight increase in calcite with depth.										

LANGRIDGES - TORONTO - 366-1168

.159  
6.4'  
.08  
9.0'

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 3

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			Au		V.G.
					FROM	TO	TOTAL	g	g	
51.0	68.0	<u>HIGHLY ALTERED GRANODIORITE</u> - fine grained, grey colour <u>Altered Andesite in sections?</u> Siliceous rich, odd quartz seamlet with coarse grained quartz, banded in sections @ 60-80° to core axis.								
		73.3 - 75.6, to 2% fine disseminated pyrite	84311	2%	73.3	75.6	2.3'			.034
80.0	93.0	<u>ALTERED GRANODIORITE</u> - medium grained, grey/buff colour calcite rich shearing @ 75° to core axis.								
		80.0 - 90.0, medium grained with moderate chlorite.								
		90.0 - 93.0, 1 to 5% fine disseminated pyrite.	84312	1-5%	90.0	93.0	3.0'			.008
93.0	107.6	<u>ALTERED GRANODIORITE</u> - fine grained, moderately chloritic, 1% fine disseminated pyrite, banded @ 70° to core axis.								
		@ 104.0 - 1/2" Quartz-tourmaline, seam @ 70° to core axis (barren)	84313	1%	93.0	98.0	5.0'			.004
			84314	1%	98.0	103.0	5.0'			0.02
			84315	1%	103.0	107.6	4.6'			
107.6	111.0	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained.								

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

L 27+95 East  
3+90 North

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

July 10, 1984

-45°

N 180° East

50' North of Zone

HOLE NO. JJ - 4

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.	
					FROM	TO	TOTAL						
0	13.5	<u>CASING</u> - Sand & Boulder Glacial Till Overburden											
13.5	17.5	<u>ALTERED GRANODIORITE</u> - grey colour, slightly banded ⊙ 60° to core axis 16.5 - 17.5, up to 5% disseminated pyrite	8441	-1%	13.5	17.5	4.0'				.006		
			8442	1-4%	17.5	22.5	5.0'				.010		
17.5	32.5	<u>ALTERED GRANODIORITE</u> - increasing carbonate/calcite shearing, increasing pyrite and chlorite content (-1% mineralization average) ⊙ 17.5 - 1/2" <u>Quartz-Tourmaline</u> seam ⊙ 60° to core axis. ⊙ 18.0 - 1/2" grey <u>Quartz</u> seam (barren) 22.0 - 22.3, <u>Quartz-Tourmaline</u> seam with carbonate @ 70° to core axis.	8443	-1%	22.5	27.5	5.0'				.002		
			8444	-1%	27.5	32.5	5.0'				.138		
			8445	-1%	32.5	35.7	3.2'		0.06		.058	*	
32.5	35.7	<u>ALTERED GRANODIORITE - FELSIC/SILICEOUS RICH</u> - slightly bleached/chloritic, with up to 5 - 6% disseminated pyrite in sections, light grey colour, increasing carbonate stringers. ⊙ 32.6 - 1-1/2" <u>Quartz-Carbonate</u> seam with V.G. grey/rusty quartz. ⊙ 34.0 - 2" <u>Quartz-Carbonate</u> seam @ 70° to C.A. with low disseminated pyrite. ⊙ 35.1 - 1" <u>Quartz-Carbonate</u> seam with V.G.											.188
													10.2'
35.7	37.7	<u>ALTERED GRANODIORITE - CARBONATE/SERECITE RICH</u> - 36.8 - 37.5, <u>Quartz-Carbonate</u> Vein with V.G. in several stringers (grey, coarse quartz), @ 75° to C.A. ⊙ 37.0 - mud seam	8446	5-6%	35.7	37.7	2.0'			.465	.738	*	
37.7	42.5	<u>ALTERED GRANODIORITE</u> - Massive, -1% cube/speck pyrite 41.2 - 41.6, carbonate rich	8447	1%	37.7	42.5	4.8'			0.01	.002		

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 4

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
42.5	44.8	<u>ALTERED GRANODIORITE</u> - Highly altered, carbonate rich, bleached, sericitic rich, siliceous	8448	1%	42.5	44.8	2.3'			0.04	.460	
44.8	65.8	<u>ALTERED GRANODIORITE</u> - Massive, grey colour, slightly banded @ 70° to core axis	8449	1%	44.8	47.5	2.3'			.009	.008	
		62.0 - 63.0, siliceous with 4 - 5%	84410	4-5%	62.0	63.0	1.0'				.010	
65.8	79.2	<u>GRANODIORITE INTRUSIVE</u> - medium grained, equigranular, pink/grey mottled	84423	1%	72.5	76.0	3.5'				.002	
		73.5 - 75.0, broken, carbonate rich fractures										
		76.0 - 77.5, carbonate rich, bleached	84411	1%	76.0	77.5	1.5'				.034	*
		@ 77.0 - 2" Quartz Carbonate seam @ 70° to C.A. with V.G.										
79.2	108.0	<u>ALTERED GRANODIORITE</u> - fine grained, light grey colour										
		79.2 - 79.6, <u>Carbonate-Silica</u> rich, vugaceous	84412	-1%	77.5	79.8	2.3'				.008	*
		@ 79.3 - 2" <u>QUARTZ-Carbonate</u> seam with V.G. in carb. stringers.	84424	-1%	79.8	81.8	2.0'				0.01	
		91.5 - 94.0, increasing quartz shearing @ 80° to core axis.										
		94.0 - 108.0, sections with carbonate rich shearing.	84413	-1%	91.5	96.5	5.0'					
		98.0 - 108.0, banded @ 70° to C.A., odd speck pyrite, slight increase in chlorite content.	84414	-1%	96.5	98.0	1.5'				.004	
		@ 102.0 - 1" Quartz seam with pyrite.	84415	-1%	98.0	103.0	5.0'				.028	
		102.0 - 105.0, carbonate rich seams	84416	-1%	103.0	108.0	5.0'				.008	
108.0	131.5	<u>ALTERED GRANODIORITE</u> - decreasing quartz content, increasing chlorite content (moderately to slightly chloritic) Granodiorite contact area?										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 4

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPH. IDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		108.0 - 110.4, 2 - 4% fine disseminated pyrite	84417	2-4%	108.0	110.4	2.4'				0.012	
		113.0 - 117.5, some carbonate rich seams	84418	1%	113.0	117.5	4.5'				0.018	
		117.5 - 121.5, 2 - 3% fine disseminated pyrite slight increase in chlorite content.	84419	2-3%	117.5	121.5	4.0'			0.158	0.19	
		117.5 - 119.0, siliceous rich.	84425	-	121.5	125.0	3.5'				.005	
		121.0 - 123.6, fine disseminated pyrite, decreasing mineralization (1%)	84426	-	125.0	127.0	2.0'				.005	
		① 130.2 - 2" Quartz seam with speck/ seamlet V.G., dark grey/coarse quartz.	84420	1%	127.0	129.0	2.0'				0.005	
		129.4 - 131.5, up to 2% disseminated pyrite.	84421	2%	129.0	131.6	2.6'				6.15	*
131.5	141.0	131.5 - 141.0, massive, moderately chloritic, odd speck pyrite	84422	1%	131.6	133.6	2.0'			0.01	.002	
	141.0	<u>END OF HOLE</u>										
												3.20
												5.0'



# DIAMOND DRILL RECORD

L 26+95 E (L27E)

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

3+20 S

HOLE NO. JJ - 5

SHEET NO. 1 of 3

July 12-13, 1984 -45° Collar N 180° E 65° North of Showing

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				Avg.		
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%		Au.	
					FROM	TO	TOTAL				OZ. TON	OZ. TON
0	32.0	<u>CASING</u> - Sand & Boulder Glacial Till Overburden Boulders 5 cm. to 50 cm. diameter (size increasing with depth).										
32.0	37.5	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained, grey/white speckled, slightly chloritic, equigranular.	84520		32.5	37.3	5.0'			0.02		
37.5	39.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, siliceous/ carbonate rich, light grey colour, up to 1% disseminated pyrite.	8451	-1%	37.5	39.0	1.5'			.187	.132 ----- 2.5'	
39.0	40.0	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained, slightly altered.	84521		39.0	40.0	1.0'			0.05		
40.0	46.5	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, siliceous/carbonate rich, light grey colour, up to 1% disseminated pyrite.	8452	-1%	40.0	43.5	3.5'			.004		
			8453	-1%	43.5	46.5	3.0'			.004		
46.5	58.0	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained, pink/grey speckled. @ 50.8' - 5" quartz seam @ 70° to core axis, coarse/white quartz (barren).	84516	-	50.5	51.2	0.7'			Tr.		
58.0	61.5	<u>SLIGHTLY ALTERED GRANODIORITE INTRUSIVE</u> - carbonate rich, vugaceous	8454	-1%	58.5	61.5	3.0'			.018		
61.5	69.4	<u>SLIGHTLY ALTERED GRANODIORITE INTRUSIVE</u> - fine grained with slight alignment @ 70° to core axis, slight siliceous shearing, pink/green mottled colour.										
69.4	73.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, siliceous rich, 3 to 5% fine disseminated/ seamlet pyrite.	8455	3-5%	69.4	73.0	3.6'			.016		

LANGRIDGES - TORONTO - 368-1188

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 5 SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				V.G.	Avg.
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	OZ. TON	OZ. TON		
					FROM	TO					
73.0	80.0	<u>SLIGHTLY ALTERED GRANODIORITE INTRUSIVE</u> - pink/grey mottled colour, mafics and feldspars segregated and aligned @ 60 - 80° to core axis	84517	-	75.0	80.0	5.0'			0.02	
80.0	81.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, light grey colour, 1-3% pyrite content in seams.	8456	1-3%	80.0	81.0	1.0'			0.184	} 0.099 7.5'
81.0	87.5	<u>GRANODIORITE INTRUSIVE</u> - medium grained, massive, equigranular. @ 82.5° - odd pyrite seamlet.	84518	-	81.0	85.0	4.0'			0.08	
			84519	-	85.0	87.5	2.5'			0.09	
87.5	88.0	<u>ALTERED GRANODIORITE</u> - 1 - 2% disseminated pyrite in seams.									
88.0	92.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine to medium grained. 89.3 - 92.0, siliceous rich, to 1% fine disseminated pyrite. @ 91.8' - 1/2" Quartz seam, dark grey/ coarse quartz. @ 92.0' - 2" Quartz seam, dark grey, coarse quartz.	8457	1-2%	87.5	89.3	1.8'			.006	
			8458	-1%	89.3	92.0	2.7'			.006	
92.0	141.0	<u>GRANODIORITE INTRUSIVE</u> - slightly altered, moderately chloritic, fine-medium grained, increasing quartz stringer shearing. @ 104.2' - 2" Quartz seam @ 70° to core axis, dark grey/ coarse quartz. @ 105.3' - 1" Quartz seam @ 70° to core axis, dark grey with tourmaline borders 111.2 - 112.4, carbonate rich with silica/ tourmaline rich seams.	8459	-	104.0	105.5	1.5'			.018	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 5 SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					Avg.		
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON		V.G.	
					FROM	TO	TOTAL							
		114.4 - 116.8, silica rich, light grey colour highly altered, up to 1% disseminated pyrite.	84	510	-1%	114.4	116.8	2.4'						
		124.0 - 124.5, carbonate rich.												
		126.0 - 127.0, carbonate rich, stringers @ 70° to C.A., vugaceous.	84	511	-	124.0	127.0	3.0'						
		129.0 - 130.0, carbonate rich.												
		@ 129.2' - 1/2" Quartz seam, carb. rich, rusty.												
		@ 130.5' - 1" Quartz seam @ 70° to core axis, dark grey colour.	84	517	-	127.0	129.0	2.0'						
		@ 130.7' - 1-1/2" Quartz seam with fine speck V.G., dark grey color.	84	512	-	129.0	131.0	2.0'			.115	.076	*	.096
141.0	152.5	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, grey colour, low siliceous-carbonate/tourmaline shearing.												2.0'
		141.0 - 151.0, up to 1% fine disseminated pyrite with slight carbonate rich shearing in sections.	84	513		141.0	146.0	5.0'						
		152.0 - 152.5, carbonate rich.	84	515		146.0	151.0	5.0'						
						151.0	152.5	1.5'				.14		
	152.5	<u>END OF HOLE</u>												

# DIAMOND DRILL RECORD

L62 +50 E

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

2 +62 South

HOLE NO. JJ - 5 A

SHEET NO. 1 of 2

August 8-9, 1984

-45° Collar N 180° E (47° behind JJ-5)

(100' behind Zone 1)

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			02 TON	02 TON	V.G.
				FROM	TO	TOTAL				
0	31.0	<u>CASING</u> - Sand and small Boulder Overburden.								
31.0	101.0	<u>GRANODIORITE INTRUSIVE</u> - fine to medium grained, massive to highly altered sections, banded at 65 - 70° to core axis, chlorite decreasing with depth.								
		31.0 - 32.5, massive, medium grained, slightly chloritic, odd speck pyrite.								
		32.5 - 38.0, slightly altered, banded @ 65° to core axis, slightly chloritic, siliceous, low carbonate fracturing, up to 1% pyrite.	84	5A1	-1%	32.5	38.0	5.5°		.018
		38.0 - 41.0, massive, medium grained.	84	5A2	-1%	41.0	44.0	3.0°		.006
		41.0 - 44.0, fine-medium grained, 1-2% pyrite.								
		44.0 - 49.0, <u>HIGHLY ALTERED</u> , siliceous rich.	84	5A3	-1%	44.0	49.0	5.0°		.016
		49.0 - 55.1, medium grained, pink/grey color, slight to moderately chloritic, odd speck pyrite.								
		55.1 - 55.7, <u>HIGHLY ALTERED</u> , siliceous rich with 5-6% pyrite, moderately chloritic seams, banded @ 60-70° to core axis.								
		55.7 - 56.8, massive, medium grained, with low speck pyrite.	84	5A4	5-6%	55.0	56.8	1.8°		.012
		56.8 - 58.8, <u>HIGHLY ALTERED</u> , fine grained, moderately chloritic, banded at 70° to core axis, 1-2% pyrite.	84	5A5	1-2%	56.8	58.8	2.0°		.012
		58.8 - 60.0, medium grained, pink/grey mottled, massive.	84	5A6	-1%	58.0	61.0	3.0°		0.02
		60.0 - 61.2, slightly altered, slight banding @ 65° to C.A., -1% pyrite.	84	5A7	-1%	61.0	63.5	2.5°		.008

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 5A

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.	
					FROM	TO	TOTAL						
		61.2 - 63.5, massive, medium grained, pink/green colour, moderately chlor.	84	5A8	-1%	63.5	65.8	2.3'				0.01	
		63.5 - 65.8, slightly altered, with low carbonate content, up to 1% py. fine-medium grained, moderately chloritic.	84	5A9	1-3%	65.8	69.6	3.8'				.028	
		65.8 - 69.6, <u>HIGHLY ALTERED</u> , siliceous, carb. rich, slightly chloritic, banded @ 75° to C.A., 1-3% pyrite content											
		66.6 - 67.2 <u>QUARTZ VEIN</u> , chlorite seams.											
		69.6 - 72.0, medium grained, massive, low pyrite/silica/carbonate, pink/grey colour, slightly chloritic.	84	5A10	-1%	69.6	72.0	2.4'				0.02	
		72.0 - 94.8, medium grained, massive, grey/white speckled, odd felsic/silica slip at 40-50° to core axis, slight chlorite content, decreasing with depth.	84	5A11	1%							0.01	
		94.8 - 101.0, slightly altered, fine grained, banded @ 70° to C.A., felsic/silica seams @ 40° to core axis.	84	5A12	-1%	94.8	97.5	2.7'				Tr.	
		94.8 - 97.5 - dark grey, odd speck py.											
		97.5 - 101.0 - light grey, increasing silica.										.004	
	101.0	<u>END OF HOLE</u>											

# DIAMOND DRILL RECORD

L 25+95 E (L26E)  
3+10 S

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

July 13-14, 1984

N 187° E 75' North of Showing

HOLE NO. JJ - 6

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				Avg.		
FROM	TO		NO.	% SULPH. IDES	FOOTAGE		%	%	OZ. TON		OZ. TON	V.G.
					FROM	TO						
		* Surface Zones dip 65-70° to North										
0	25.0	<u>CASING</u> - Sand & Boulder Glacial Till Overburden										
25.0	48.0	<u>GRANODIORITE INTRUSIVE</u> - Highly altered										
		25.0 - 27.5, carbonate rich, up to 1% disseminated pyrite.	8461	-1%	25.0	27.5	2.5'			.010		
		27.5 - 31.0, slight carbonate content, 3 - 5% pyrite.	8462	3-5%	27.5	31.0	3.5'			.012		
		⊙ 29.6' - 2" Quartz-carbonate seam.	84621	-	31.0	36.9	5.5'			.01		
		31.0 - 48.0, up to 1% disseminated pyrite.	84622	-	36.5	40.7	4.2'			.005		
		33.0 - 43.0, moderately chloritic.										
		42.0 - 43.8, siliceous rich.	8463	-1%	42.0	43.8	1.8'			.342		
		43.8 - 46.0 - slightly siliceous/ carbonate rich.	8464	-1%	43.8	46.0	2.2'		0.10	.222	* } .20	
		⊙ 45.2 - 3/4" Quartz seam ⊙ 55° to C.A., dark grey quartz, speck V.G.									6.0'	
		46.0 - 48.0, slightly siliceous.	8465	-1%	46.0	48.0	2.0'			.12		
48.0	72.5	<u>GRANODIORITE INTRUSIVE - ALTERED</u> - light grey colour, slightly carbonate/siliceous rich, slightly chloritic, up to 1% disseminated pyrite in sections, banded ⊙ 65-75° to core axis.	R618	-	48.0	51.9	3.9'			.03		
		55.8 - 59.0, slightly carbonate rich and vugaceous.	R619	-	51.9	55.8	3.9'			.005		
			8466	-1%	55.8	58.0	2.2'			.12	} .22	
72.5	81.4	<u>GRANODIORITE INTRUSIVE</u> - Slightly altered, mottled grey/white colour, fine-medium grained, massive, slightly chloritic, odd siliceous seam.	84623	-	58.0	60.0	2.0'			.33	} 4.2'	
			84624	-	60.0	63.0	3.0'			.005		
81.4	87.8	<u>GRANODIORITE INTRUSIVE - ALTERED</u> - carbonate/siliceous rich.	84625	-	68.0	72.0	4.0'			.005		

LANGRIDGES - TORONTO - 368-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 6 SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					Avg.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON		V.G.
					FROM	TO						
		81.4 - 83.2, Siliceous/Tourmaline shearing, odd speck pyrite.	8467	-3%	81.4	83.2	1.8'			.008		
		83.2 - 84.0, siliceous rich with up to 5% pyrite.	8468	-5%	83.2	84.8	1.6'			.036		
		@ 83.6' - 1/2" Quartz seam @ 55° to C.A., dark grey colour.										.094
		84.0 - 84.8, less than 1% disseminated pyrite.										} 4.6'
		84.8 - 87.8, siliceous, bleached, up to 7% disseminated pyrite, banded @ 55° to core axis.	8469	-7%	84.8	87.8	3.0'		0.14	.107	*	
		@ 85.3' - 1" Quartz seam, dark grey with tourmaline rich borders, speck V.G.										
		@ 85.6' - 2" Quartz seam, dark grey colour.										
		@ 87.5' - 1" Quartz seam, dark grey with tourmaline borders.										
		@ 87.7' - 1/2" Quartz seam.										
87.8	125.0	<u>GRANODIORITE INTRUSIVE - ALTERED</u> - light grey colour, siliceous/carbonate rich sections.										
		97.0 - 100.0, blocky, bleached, slightly carbonate rich.	84610	-1%	97.0	100.0	3.0'				Tr.	
		102.0 - 115.2, light grey colour, slight carbonate rich in sections.										
		115.2 - 118.5, fine grained, massive.										
		118.5 - 125.0, less than 1% disseminated pyrite, banded @ 80° to core axis.	8464	-	123.0	125.0	2.0'			.01		
125.0	152.0	<u>GRANODIORITE INTRUSIVE - ALTERED</u> - slight increase in siliceous shearing, sections with up to 3% pyrite.										
		@ 125.7' - 2" Quartz seam @ 85° to core axis, dark grey quartz with speck V.G.	84611	-3%	125.0	129.0	4.0'		0.13	0.11	*	.12
			84622	-	129.0	131.0	2.0'			.005		} 4.0'

LANGRIGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

HOLE NO. JJ - 6 SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					Avg.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		V.G.
					FROM	TO	TOTAL						
		@ 126.0' - 1" <u>Quartz Seam</u> @ 128.8' - 2" <u>Quartz Seam</u> @ 85° to core axis.											
152.0	161.5	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED</u> - Medium grained, massive, mottled pink/grey colour, odd siliceous/tourmaline seamlet @ 70° to C.A.											
161.5	165.5	<u>GRANODIORITE INTRUSIVE - ALTERED</u> - Light grey colour, siliceous, with less than 1% dissem. pyrite.	84612	*1%	161.5	165.5	4.0'				.014		
165.5	190.0	<u>FELSIC METAVOLCANICS (RHYOLITIC-DACITIC)</u> - fine grained buff colour, slightly banded @ 70° to core axis 165.5 - 171.5, carbonate rich with 1-2% Diss.Py (cube) low Qtz. strgr.shearing.	613	1-2%	165.5	171.5	6.0'				.026	}	.176 5.0'
			614	-1%	171.5	176.5	5.0'				.176		
			615	-1%	176.5	181.5	5.0'				.016		
			616	-1%	181.5	186.5	5.0'				.010		
190.0	199.6	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - low pyrite, slight-moderate chlorite content.	84617	1-2%	186.5	190.0	3.5'				.032		
			84618	-	190.0	195.0	5.0'				.005		
			84619	-	195.0	200.0	5.0'				.005		
199.6	200.4	<u>FELSIC METAVOLCANICS</u> - Fine grained, buff colour, slight banding @ 70° to core axis.											
	200.4	<u>END OF HOLE.</u>											



# DIAMOND DRILL RECORD

L 28+00 East  
3+75 South

NAME OF PROPERTY MAGINO - McNELLAN RESOURCES INC.

July 14-15, 1984 -63° (Actual) N 180° E

HOLE NO. JJ - 7 SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					Avg.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON		V.G.
					FROM	TO						
0	15.0	<u>CASING</u> - Sand & Boulder Glacial Till Overburden										
15.0	29.7	<u>ALTERED (SLIGHTLY) GRANODIORITE INTRUSIVE</u> - banded @ 50° to C.A., fine grained, grey colour 20.0 - 24.7, highly altered and banded @ 45° with less than 1%										
29.7	72.2	<u>GRANODIORITE</u> - Massive Disseminated Pyrite 29.7 - 60.0, grey/white speckled appearance, slightly chloritic. 60.0 - 72.2, speckled pink/grey colour.										
72.2	74.4	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, slightly carbonate/siliceous, 1 - 2% disseminated pyrite.	84718	1-2%	72.2	74.4	2.2'			0.02		
74.4	95.0	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained, speckled, pink/grey colour.										
95.0	116.5	<u>ALTERED GRANODIORITE INTRUSIVE</u> - fine grained, grey colour, slightly chloritic sections, slight banding @ 55° to fore axis, up to 1% disseminated pyrite. 101.3 - 103.3, siliceous with up to 3% pyrite 105.0 - 107.8, up to 2% disseminated pyrite 105.0 - 105.8, weathered, 1/2" graphite seam. 105.8 - 107.0, quartz rich, odd speck pyrite.	84717	-	99.3	101.3	2.0'			.005		
			84720	-3%	101.3	103.3	2.0'			.074		
			84718	-	103.3	105.0	1.7'			.005		
			8473	-2%	105.0	107.8	2.8'			.046		
			84719	-	107.8	110.0	2.2'			0.01		
			84720	-	110.0	116.5	6.5'			0.01		
116.5	172.0	<u>ALTERED (HIGHLY) GRANODIORITE INTRUSIVE</u> - grey/pink banded @ 55-60° to core axis, low carbonate/ siliceous banding shearing.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 7

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			V.G.	Avg.	
FROM	TO		N.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ./TON			OZ. TON
		116.5 - 119.5, odd pyrite seamlet, 1% pyrite.	8474	-1%	116.5 119.5 3.0'				0.89	}	.89
		120.6 - 142.0, up to 1% disseminated magnetite crystal.	84721		119.5 120.5 1.0'				Tr.		3.0'
		120.5 - 124.2, siliceous shearing, -1% pyrite.	8475	-1%	120.5 124.2 3.7'				.026	}	
		130.5 - 132.5, as above	8476	-1%	130.5 132.5 2.0'				0.37		
		136.0 - 137.5, as above	8477	-1%	136.0 137.5 1.5'				0.38		
		@ 147.0 - 3" carbonate rich banding.	84722	-	124.2 130.5 6.3'				Tr.	}	.213
		@ 158.2 - 1" " " "	84723	-	132.5 136.0 3.5'				0.05		7.0'
		149.0 - 150.0, slightly siliceous, to 2% pyrite	84724	-	137.5 142.5 5.0'				.005	}	
		159.5 - 162.0, siliceous rich with up to 2% py.	8478	-2%	159.5 162.0 2.5'				.054		
		159.5 - 160.3, Quartz seam, dark grey colour.	84725	-	142.5 146.5 4.0'				0.02	}	
		@ 162.0 - 2" Felsite seam	84726	-	146.5 151.5 5.0'				0.01		
		@ 162.5 - 3" " "	84727	-	157.8 159.5 1.7'						
		164.4 - 166.0, Felsite Quartz seams with up to 2% pyrite, siliceous fracturing.	8479	-2%	162.0 167.0 5.0'				0.01	}	
		166.0 - 172.0, siliceous fracturing with odd pyrite seam.	84710	-1%	167.0 172.0 5.0'				.002		
172.0	189.0	<u>ALTERED (SLIGHTLY) GRANODIORITE INTRUSIVE -</u> medium grained, massive, pink/grey speckled appearance.									
		177.5 - 181.0, up to 3% pyrite in seams @ 60° to core axis.	84711	-1%	175.5 180.0 4.5'				.004	}	
		186.0 - 189.0, highly altered and banded @ 60° to core axis.	84712	-1%	183.7 186.0 2.3'				.018		
		186.0 - 188.0, Highly siliceous fractures. @ 187.3 - 4" Quartz Seam @ 60° to core axis, with V.G.	84713	-1%	186.0 188.0 2.0'				0.238	*	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLAN RESOURCES INC.

HOLE NO. JJ - 7

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.				Avg.		
FROM	TO		NO.	% SULPHIDES	FROM	TO	TOTAL	%	%	OZ TON		OZ TON	V.G.
189.0	215.0	<u>GRANODIORITE INTRUSIVE</u> - medium grained, grey/white speckled appearance, slightly chloritic, with odd speck pyrite.	84714	-2%	188.0	189.0	1.0'						.17
			84717	-	189.0	192.0	3.4'				.038		
215.0	239.4	<u>ALTERED (SLIGHTLY) GRANODIORITE</u> - fine medium grained, slightly banded in sections @ 55° to core axis, slightly chloritic, odd chalcopyrite seam. 222.0 - 222.6, odd seam with disseminated pyrite.	84715	1-2%	215.0	219.0	4.0'				0.005		
											Tr.		
239.0	244.0	<u>ALTERED GRANODIORITE INTRUSIVE</u> - light grey colour, fine grained, banded @ 55° to core axis.											
244.0	250.8	<u>GRANODIORITE INTRUSIVE</u> - medium grained, massive, slightly chloritic.											
250.8	254.1	<u>ALTERED GRANODIORITE</u> - Banded @ 55° to core axis, with disseminated pyrite in sections.	84716	-1%	250.8	254.1	3.3'				.004		
254.1	264.2	<u>GRANODIORITE INTRUSIVE</u> - massive, medium grained. 257.4 - 257.5, altered with up to 2% pyrite.											
	264.2	<u>END OF HOLE</u>											

# DIAMOND DRILL RECORD

L 27+29 East  
3+65 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

July 25-26, 1984

-45°

N 180° E

10 S at 125' S. of Showing

HOLE NO. JJ - 8

SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON	V.G.
					FROM	TO	TOTAL					
0	19.0	<u>CASING</u> - Sand with odd Boulder Overburden										
19.0	22.0	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained.										
22.0	25.0	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - slightly chloritic, feldspar/tourmaline banding at 40° to core axis, -1% pyrite content.	8481	-1%	22.0	25.0	3.0'				.005	
25.0	56.5	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained.										
56.5	58.0	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - fine grained, carbonate rich, banded at 80° to fore axis @ 53.0 - fractured, water loss.	8482	-1%	56.5	58.0	1.5'				0.02	
58.0	62.3	<u>GRANODIODITE INTRUSIVE</u> - Massive, medium grained										
62.3	124.0	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - with low siliceous shearing, carbonate sections, 1% pyrite content.										
		62.3 - 67.3, slightly altered, carbonate rich.	8483	-1%	62.3	67.3	5.0'				Tr.	
		67.3 - 71.7, highly altered, slightly chloritic 3-5% dissem. pyrite, siliceous rich, banded @ 80° to core axis.	8484	3-5%	67.3	71.7	4.4'				0.68	*
		@ 69.9, <u>1" Quartz Seam</u> with speck V.G., sugary/grey.										
		@ 70.8, <u>2" Quartz Seam</u> with V.G. seam, sugary/grey.										
		71.7 - 78.0, slightly altered, banded @ 75-80° to C.A., moderately chloritic, 1-2% disseminated pyrite, odd siliceous seam.	8485	1-2%	71.7	73.5	1.8'				0.06	
		71.7 - 73.5, bleached/siliceous.	8486	1-2%	73.5	78.0	4.5'				0.52	*
		@ 77.8 - <u>1" Quartz Seam</u> @ 75° to C.A., with speck V.G., grey/sugary qtz.										

.51  
10.7'

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 8

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	V.G.
					FROM	TO	TOTAL					
		78.0 - 122.0, <u>Slightly altered</u> , with pink/grey (feldspar segregation) @ 70-80° to C.A., 2-4% disseminated magnetite crystal, odd carbonate fracture.	84816	-1%	78.0	81.5	3.5'				0.01	
			84817	-1%	81.5	85.4	3.9'				0.02	
			8487	-1%	85.4	88.0	2.6'				0.02	
		@ 82.0, <u>3" Quartz Seam</u> with tourmaline corders, coarse/white.										
		@ 87.5, fracture, water loss.	8488	-1%	88.0	91.0	3.0'				0.01	
		@ 90.6, <u>1" Quartz Seam</u> , white with chalco	84818	-1%	118.0	122.0	4.0'				0.02	
		122.0 - 124.0, <u>Highly Altered</u> , carbonate rich.	8489	-1%	122.0	124.0	2.0'				.105	
124.0	147.5	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, grey/pink, slight alteration.	84-810	-1%	124.0	128.5	4.5'				.005	
		124.0 - 137.6, Silica rich banding at 70° to core axis.	84-811	-1%	128.5	133.0	4.5'				0.01	
			84-812	-1%	133.0	137.6	4.6'				.005	
147.5	161.0	<u>GRANODIORITE INTRUSIVE - MODERATE-HIGHLY ALTERED</u> - fine-grained, grey colour, 1-2% disseminated pyrite, slight banding @ 70° to core axis.	84-819	-1%	137.6	142.5	4.9'				0.02	
			84-820	-1%	142.5	147.5	5.0'				0.02	
			84-813	1-2%	147.5	152.5	5.0'				0.04	
			84-814	1-2%	152.5	157.0	4.5'				0.02	
161.0	178.0	<u>GRANODIORITE INTRUSIVE</u> - Massive to slightly altered, fine-medium grained, low speck pyrite.	84-815	1-2%	157.0	161.0	4.0'				0.02	
			84-821	-1%	161.0	163.0	2.0'				0.01	
	178.0	<u>END OF HOLE.</u>										
												.03
												13.5'

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

July 27-28, 1984

-45°

N 180° E

3+52 South  
87° North of Zone

HOLE NO. JJ - 9

SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				Avg.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE		No.	%	REASSAY Au.		
					FROM	TO			TOTAL		OZ. TON
0	15.0	<u>CASING</u> - Sandy Overburden with odd Boulder							<u>R</u>		
15.0	60.5	<u>GRANODIORITE INTRUSIVE - MODERATE - HIGHLY ALTERED</u> - fine grained, banded @ 70° to core axis, grey colour.	8491	-1%	17.0	21.0	4.0'			.025	
		29.2 - 39.2 - Siliceous - <u>Highly Altered</u> @ 31.4, 1" Quartz Seam, sugary/ dark grey colour.	8492	-1%	21.0	23.2	2.2'			.005	
		@ 33.0, 2" Quartz Seam, sugary/ dark grey with speck V.G.	8493	-1%	23.2	27.3	4.1'			0.12	
		@ 34.4, 3" Quartz Seam, dark grey/ sugary texture, with speck V.G.	8494	-1%	27.3	29.4	2.1'			.005	
		39.2 - 60.5 - More massive.	8495	-1%	29.4	32.3	2.9'			0.01	
		@ 40.7, Quartz Seam, with V.G.									
		53.4 - 57.0, carbonate/silica rich.	8496	-1%	32.3	34.0	1.7'			0.49	*
60.5	87.0	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained.	8497	-1%	34.0	37.0	3.0'	84924	.005	.005	*
		69.3 - 81.4 - <u>Slightly Altered</u> , with increase in pyrite content (-1% mineral content).	84925	-1%	37.0	40.2	3.2'	84925		0.04	
			8498	-1%	40.2	43.6	3.4'	84926	0.20	0.01	*
			84927	-1%	43.6	48.4	4.8'			0.02	
			8499	-1%	53.4	57.0	3.6'			0.04	
87.0	102.5	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED</u> , fine grained.	84928	-1%	48.4	53.4	5.0'			0.01	
		87.0 - 91.0 - carbonate rich shearing.	84910	-1%	57.0	60.5	3.5'			0.06	
		91.0 - 95.0 - Banded @ 60-80° to C.A., odd speck pyrite.	84911	-1%	60.5	69.3	8.8'			1.56	
		@ 93.8, 2" Quartz Seam @ 80° to C.A., dark grey colour.	84912	-1%	69.3	72.0	2.7'				
		97.0 - 98.2 - Siliceous with banding at 70° to core axis.	84913	-1%	72.0	77.0	5.0'			0.04	
		97.0 - 97.8, <u>Highly Altered</u>	84914	-1%	77.0	81.4	4.4'			0.02	
		98.7 - 102.5 - dark grey colour, feldspar segregated into bands, -1% pyrite content.	84915	-1%	87.0	91.0	4.0'			Tr.	
					91.0	95.0	4.0'			.005	
											.05
											7.1'
											.573
											7.7'
											.372
											12.1'

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 9

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
102.5	110.5	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - with up to 1% fine disseminated pyrite. @ 104.3, 1" Quartz Seam @ 45° to C.A.	84916	-1%	97.0	98.2	1.2'					.005
			84917	-1%	98.2	102.5	4.3'					.005
110.5	113.0	<u>QUARTZ VEIN</u> - with Metavolcanic Inclusion/Flow borders coarse/grey-white quartz, barren of mineral.	84918	-1%	102.5	107.5	5.0'					Tr.
			84919	-1%	107.5	110.5	3.0'					Tr.
113.0	125.5	<u>GRANODIORITE INTRUSIVE - SLIGHT MODERATE ALTERATION</u> - 115.0 - 122.0 - odd speck pyrite. 117.0 - 118.0, carbonate rich banding. 122.0 - 125.5 - increasing alteration, slight carbonate banding.	84920	-1%	110.5	113.0	2.5'					Tr.
			84921	-1%	113.0	115.0	2.0'					.005
			84922	1-4%	125.5	128.6	3.1'					.005
125.5	131.0	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - siliceous banding, fine grained, banded @ 70° to C.A., disseminated/seamlets pyrite (1-4% content).	84923	1-4%	128.6	131.0	2.4'					.005
			84924	-1%	142.0	147.0	5.0'					.001
131.0	159.0	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, grey-white speckled (blue/quartz/eye phenocrysts). 142.0 - 147.0 - finer grained, banded with increasing pyrite (-1%)										
	159.0	<u>END OF HOLE.</u>										

# DIAMOND DRILL RECORD

2+32 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

10° North of Cc Zone

HOLE NO. JJ - 10

SHEET NO. 1 of 3

July 29-30, 1984

-46° Collar N 180° E

125° North of Showing

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
0	8.5	<u>CASING</u> - Sand with odd Boulder										
8.5	25.6	<u>INTERMEDIATE - BASIC METAVOLCANICS (ANDESITE)</u> - fine grained flow, crenulated with fine siliceous seams, moderate-highly chloritic, slight banding @ 70° to core axis. @ 10.3, vugaceous/carbonate. @ 12.5, blocky, carbonate. 15.8 - 20.0 - <u>Cc Zone</u> - Altered, siliceous, 1-2% pyrite content, banded at 70° to core axis. @ 13.8, 1" Q.V. at 70° " " " 14.7 - 15.0 - Quartz rich Seams.	84101	-1%	11.8	15.8	4.0'					Tr.
			84102	1-2%	15.8	20.0	4.2'					0.01
			84103	-1%	20.0	25.6	5.6'					0.01
			84104	-1%	30.6	32.5	1.9'					Tr.
			84105	-1%	32.5	35.8	3.3'					0.02
			84106	-1%	64.0	67.5	3.5'					Tr.
25.6	30.6	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, grey/white speckled.	84107	1-2%	73.0	78.0	5.0'					0.01
			84108	1-2%	78.0	83.5	5.5'					0.04
30.6	35.8	<u>GRANODIORITE INTRUSIVE - MODERATELY ALTERED</u> - Banded at 60-70° to core axis, fine grained. 32.5 - 35.8 - up to 1% disseminated pyrite.	84109	-1%	90.2	92.5	2.3'					Tr.
			841010	-1%	92.5	96.0	3.5'					Tr.
35.8	64.0	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, grey/white speckled appearance. 41.4 - 42.5 - fine grained, low dissem. py.	841011	-1%	96.0	98.5	2.5'					0.02
			841012	-1%	98.5	102.3	3.8'					.005
64.0	73.0	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED</u> - fine grained, -1% Disseminated pyrite @ 68.8, blocky, carbonate rich shearing.	841013	-1%	102.3	106.3	4.0'					.005
			841014	-1%	106.3	110.3	4.0'					0.02
73.0	83.5	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> - Banded at 60° to core axis, with disseminated pyrite seamlets, fine grained, light grey, 1-2% pyrite content, siliceous rich.										



# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 10 SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
83.5	121.0	@ 74.0, 1/2" Quartz Seam, dark grey, barren.	841015	-1%	110.3	113.7	3.4'				0.01	
		@ 81.6, 2" Quartz Seam, dark grey, barren.	841016	-1%	117.8	121.0	4.0'				Tr.	
			841017	-1%	121.0	125.4	4.4'				0.15	*
		<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED -</u> fine grained, grey colour, banded @ 70° to core axis with odd pyrite seamlet.	841018	-1%	125.4	128.0	2.6'				Tr.	
		90.2 - 92.5 - Quartz Vein, coarse white/grey colour, barren.	841019	1-3%	128.0	132.3	4.3'				.005	
		92.5 - 121.0 - 1 to 2% pyrite in sections.	841020	1-3%	132.3	136.6	4.3'				0.01	
		@ 102.5, 1/2" Quartz Seam, barren. @ 105.4, 1/2" Quartz Seam with chalcoppyrite, barren. 117.8 - 121.0 - odd siliceous fracture.										
121.0	136.6	<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED -</u> fine grained, siliceous/carbonate rich. 117.8 - 121.0 - odd siliceous fracture less than 1% pyrite. 121.0 - 125.4 - siliceous rich bands, -1% py. @ 122.8, 1" Quartz Seam - V.G. Seamlet. 125.4 - 128.0 - massive, medium grained, low pyrite. 128.0 - 136.6 - siliceous, light grey colour, 1-3% pyrite.										
136.6	178.0	<u>GRANODIORITE INTRUSIVE - Massive, medium grained, black/white speckled appearance.</u> 136.6 - 138.5 - low disseminated pyrite. @ 165.6, 1/2" Quartz Seam, coarse/white, barren, @ 30° to C.A. @ 170.4, 3" Quartz Seam, coarse/white, barren, @ 45° to C.A.	841021	-1%	136.6	138.5	1.9'				Tr.	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 10

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
178.0	197.0	<u>GRANODIORITE INTRUSIVE</u> - Slight, moderate alteration. 178.0 - 182.0 - slight alteration with less than 1% disseminated pyrite. 182.0 - 187.0 - increasing silica content. @ 182.5, 1/2" <u>Quartz Seam</u> grey/white/coarse. 187.0 - 197.0 - silica rich bands. @ 189.8, 1" <u>Quartz Seam</u> , grey/white. @ 190.3, 1" <u>Quartz Seam</u> , " " @ 190.6, 2" " " " " @ 192.5, 1" " " with pyrrhotite/chalcopyrite. @ 194.0, 3" <u>Quartz Seam</u> , white. @ 195.6, 4" " " , grey/white. @ 195.7, 1" " " , " "	841022	-1%	178.0	182.0	4.0'				.005	
			841023	-1%	182.0	187.0	5.0'				.005	
			841024	-1%	187.0	192.0	5.0'				.005	
			841025	-1%	192.0	197.0	5.0'				Tr.	
			841026	-1%	197.0	199.0	2.0'				0.01	
197.0	201.4	<u>INTERMEDIATE - BASIC METAVOLCANICS (ANDESITE)</u> fine grained, massive, moderately chloritic. 197.0 - 199.0 - siliceous banding @ 70° to C.A.										
	201.4	<u>END OF HOLE.</u>										

# DIAMOND DRILL RECORD

L 27+80 E  
1+00 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

July 31-August 2, 1984

-44° Collar N 180° E

HOLE NO. JJ - 11

SHEET NO. 1 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL				
0	20.0	<u>CASING</u> - Sand and Boulder Overburden.									
20.0	211.0	<u>GRANODIORITE INTRUSIVE</u> - MASSIVE, fine-medium grained, Quartz 'Eye' phenocrysts, porphyritic texture. 20.0 - 28.8, <u>Dioritic</u> , fine grained, white-black speckled with odd siliceous seam at 50° to core axis. 22.5 - 22.9 - carbonate rich. 28.8 - 101.2, medium grained, light grey/buff, porphyritic texture (feldspar laths) in sections, slight chloritic seams in sections, low siliceous shearing at 40 - 60° to core axis. @ 37.5 - 1" <u>Quartz</u> /tourmaline @ 45° to C.A. 44.4 - 49.4 - porphyritic texture. 53.0 - 83.8 - increase in siliceous shearing. @ 60.2 - 2" <u>Quartz</u> /tourmaline at 20° to C.A. with speck pyrrhotite-chalcopyrite @ 61.5 - 1" <u>Quartz</u> /tourmaline with speck chalcopyrite-pyrrhotite. @ 70.6 - 1" <u>Quartz</u> /tourmaline at 50° to C.A. @ 72.4 - 2" <u>Quartz</u> at 40° to core axis. M 1143 (coarse-white). @ 73.4 - 1/2" <u>Quartz</u> Seam at 45° to core axis (grey colour). @ 80.6 - 1/2" <u>Quartz</u> Seam at 40° to C.A. @ 81.2 - 1/2" " " " 40° " " M 1144 @ 83.8 - 1/2" " " " 40° " " 83.7 - 86.4 - to 1% disseminated pyrite. @ 98.8 - 1" <u>Quartz</u> Seam @ 60° to C.A. grey.									
					70.0	73.5	3.5'				
					80.0	84.0	4.0'				

# DIAMOND DRILL RECORD

NAME OF PROPERTY \_\_\_\_\_

 HOLE NO. JJ - 11 SHEET NO. 2 of 5

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		101.2 - 141.2, <u>Slight Alteration</u>	M111	-1%	101.0	103.5	2.5'				.005	
		101.2 - 102.4 - carbonate rich	M112	-1%	103.5	106.0	2.5'				.005	
		104.1 - 105.4 - " "	M113	-1%	106.0	110.6	4.6'				.005	
		@ 109.4 - 1/2" <u>Quartz Seam</u> @ 40° to C.A.										
		120.0 - 123.4, to 1% dissem. pyrite.	M114	1%	119.3	123.3	4.3'				0.16	
		@ 121.2 - 4" Carbonate seam.										
		@ 123.4 - 1" <u>Quartz Seam</u> @ 70° to C.A.	M115	1%	123.3	127.0	3.7'				0.02	
		124.4 - 124.9, Carb. rich, to 1% pyrite.										
		124.9 - 129.5, Up to 1% py. in sections.	M116	1%	127.0	129.5	2.5'				0.02	
		127.0 - 128.2, carbonate rich.										
		@ 133.8 - 2" carbonate Seam.										
		141.2 - 165.6, <u>Slight Alteration</u> , fine grained, siliceous.										
		141.2 - 145.0 - carbonate rich, 1% py.										
		@ 144.5 - 2" <u>Quartz/tourmaline</u> at 70° to core axis.										
		@ 148.0 - 1/2" <u>Quartz Seam</u> @ 70° to C.A.										
		@ 149.0 - 1/2" " " @ 70° " "										
		@ 150.8 - 1/2" " " @ 70° " "										
		@ 151.2 - 1/2" " " @ 80° " "										
		@ 154.7 - 1" <u>Quartz/tourmaline</u>										
		@ 156.0 - 1/2" <u>Quartz Seam</u> @ 80° " "										
		156.0 - 156.8, Siliceous rich (slight)										
		156.8 - 160.0, to 1% dissem. pyrite	M117	1-2%	160.0	165.0	5.0'				0.01	
		160.0 - 163.9, Silica rich, 1-2% py.	M118	1-2%	165.0	169.0	4.0'				.005	
		165.6 - 202.7, medium grained, massive with increase in pyrite and silica content.	M119	-1%	169.0	172.8	3.8'				.135	
		178.8 - 179.2, slight chlorite banding @ 95° to C.A.	M 1110	-1%	172.8	176.0	3.2'				0.02	
		@ 102.5 - 1/2" <u>Quartz Vein</u> at 45° to C.A.	M 1111	-1%	176.0	180.4	4.4'				0.07	
			M 1112	-1%	180.4	184.4	4.0'				0.08	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 11

SHEET NO. 3 of 5

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
		193.5 - 193.9 - chlorite banding	M 1113	-1%	198.0	202.8	4.8'				.005	
		198.0 - 202.7 - carbonate rich.										
		202.7 - 211.0, <u>Granodiorite - Altered</u> with silica rich sections, 1-2% py. carbonate rich in sections.	M 1114	1-2%	202.8	208.0	5.2'				.005	
			M 1115	1-2%	208.0	211.0	3.0'				.005	
211.0	232.0	<u>INTERMEDIATE - MAFIC METAVOLCANICS - ANDESITE -</u> fine grained, massive with fine siliceous banding @ 60° to core axis, dark green colour, moderately chloritic.	M 1116	-1%	211.0	215.0	4.0'				0.02	
		211.0 - 215.0, Silica rich banding (crenulated) at 60° to core axis.	M 1117	-1%	222.0	224.0	2.0'				.005	
		222.0 - 224.6, Siliceous rich banding @ 60° to C.A., -1% py/pyrrhotite.	M 1118	1-2%	224.0	227.0	3.0'				0.02	
		@ 222.5 - 1/2" <u>Quartz Seam</u> , sugary/white.	M 1119	1-2%	227.0	229.0	2.0'				.005	
		@ 223.2 - 1/2" " " " "	M 1120	1%	229.0	233.0	4.0'				.005	
		224.6 - 231.0, fine siliceous banding, 1 - 2% pyrite.										
		@ 224.6 - 2" <u>Quartz-Carbonate Seam</u> , with V.G. (sugary-white).										
232.0	276.0	<u>GRANODIORITE INTRUSIVE - SLIGHT ALTERATION -</u> massive, fine grained to medium grained, pink/grey colour, banded at 60° to C.A. in sections.										
		231.0 - 233.0, less than 1% dissem. pyrite.										
		240.5 - 244.4, slightly altered.										
		242.2 - 242.5 - <u>Quartz Seam</u>										
		244.3 - 1/2" <u>Quartz Vein</u> at 80° to core axis.	M 1121	-1%	245.6	249.4	3.8'				0.02	
		261.0 - 264.0, to 1% fine disseminated pyrite, banded @ 60° to C.A.	M 1122	-1%	261.0	264.0	3.0'				0.02	

# DIAMOND DRILL RECORD

 NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

 HOLE NO. JJ - 11

 SHEET NO. 4 of 5

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
276.0	290.5	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED -</u> Banded at 70° to core axis, pink/grey bands, feldspar segregated.										
		279.7 - 281.4, 1 - 2% pyrite, disseminated in seamlets.	M 1123	1-2%	279.7	281.4	1.7'				0.02	
		284.0 - 286.0, 1% pyrite, seamlets.	M 1124	1%	284.0	286.0	2.0'				0.04	
290.5	320.3	<u>GRANODIORITE - Massive with altered sections -</u> Medium grained, pink/grey colour, slight siliceous shearing @ 65° to core axis.										
		295.6 - 297.5, siliceous, to 1% pyrite.	M 1125	-1%	295.6	297.5	1.9'				0.02	
		@ 296.5 - 1" <u>Quartz</u> Seam at 70° to C.A.	M 1126	-1%	297.5	299.0	1.5'				0.01	
		297.5 - 299.0, Massive.										
		299.0 - 302.0, to 2% pyrite in sections.	M 1127	-2%	299.0	302.0	3.0'				0.77	*
		@ 300.6 - 1" <u>Quartz</u> Seam at 70° to C.A. grey colour.	M 1128	-2%	302.0	304.2	2.2'				0.01	
		@ 301.4 - 2" <u>Quartz</u> Seam at 70° to C.A., with V.G.	M 1129	-1%	304.2	306.2	2.0'				.005	
		302.0 - 304.2, Massive.										
		304.2 - 306.2, Highly Altered, siliceous, -1% disseminated pyrite.	M 1130	-1%	306.2	310.4	4.2'				Tr.	
		306.2 - 310.4, Slightly Altered.	M 1131	-1%	310.4	313.2	2.8'				0.52	*
		@ 308.0 - 1" <u>Quartz</u> Seam at 70° to C.A.										
		310.4 - 313.2, siliceous, altered, -1% pyrite.										
		312.0 - 312.7 <u>Quartz/tourmaline</u> , chlorite banded at 70° to C.A., with V.G.	M 1132	1%	313.2	317.5	4.3'				0.02	
		315.0 - 320.3, 1 - 2% disseminated magnetite.	M 1133	1-2%	317.5	321.0	3.5'				Tr.	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 11 SHEET NO. 5 of 5

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
320.3	362.5	<u>GRANODIORITE INTRUSIVE - MODERATELY ALTERED -</u> fine grained, grey colour.										
		321.0 - 324.0, siliceous with 1-2% pyrite.										
		@ 321.4 - 1" <u>Quartz</u> Seam, grey colour.	M 1134	1-2%	321.0	324.0	3.0'				0.02	
		@ 323.5 - 2" <u>Quartz</u> Seam, " "										
		@ 325.8 - 1/2" <u>Quartz</u> Seam " "	M 1141	-1%	324.0	330.2	6.2'				.005	
		336.4 - 339.6, 4-5% disseminated pyrite, siliceous.	M 1142	-1%	330.2	336.4	6.2'				.005	
		@ 339.4 - 1/2" <u>Quartz</u> Seam, grey colour.										
		339.6 - 341.3, siliceous with low pyrite.	M 1135	4-5%	336.4	339.6	3.2'				0.02	
		@ 340.5 - 1" <u>Quartz</u> Seam @ 70° to C.A.										
		@ 351.1 - 1/2" " " @ 60° " "	M 1136	-1%	339.6	341.3	1.7'				0.02	
		@ 347.7 - 3" " " @ 70° " "										
		@ 361.2 - 1" " " @ 60° " "	M 1137	-1%	345.0	347.9	2.9'				Tr.	
		@ 343.9 - Quartz/pyrite seamlets.										
		345.0 - 347.9, 1% Pyrite Seamlets.	M 1138	-1%	357.0	359.3	2.3'				0.04	
		357.0 - 362.5, 1% Pyrite, disseminated.	M 1139	-1%	359.3	362.5	3.2'				.035	
362.5	372.5	<u>GRANODIORITE INTRUSIVE - MASSIVE -</u> pink/grey mottled, medium grained, blue quartz 'Eye' phenocrysts.	M 1140	1-2%	369.2	371.6	2.4'				.005	
		369.2 - 371.6, Felsic rich with 1-2% pyrite (fine disseminated).										
	372.5	END OF HOLE										

# DIAMOND DRILL RECORD

L 27+80 E  
00+93 N

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.  
HOLE NO. JJ - 12 SHEET NO. I of 3

August 3-4, 1984

-50° Collar N 180° E

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	V.G.
				FROM	TO	TOTAL					
0	15.0	<u>CASING</u> - Sand and Boulder Glacial Till									
15.0	49.0	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> - fine, medium grained, dark grey colour, fine siliceous fracturing, slightly chloritic, odd speck pyrite, low carbonate, slight banding in sections at 60-70° to core axis.									
49.0	66.5	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> - fine to medium grained, medium grey colour, increasing silica content, slightly chloritic. 49.0 - 52.5, Banded at 65° to core axis with up to 1% disseminated pyrite.	M121	-1%	49.0	52.5	3.5'			0.02	
66.5	182.5	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> - fine to medium grained, increasing silica content, low carbonate, odd siliceous seam at 60° to core axis, silica content increasing with depth, dioritic, odd speck pyrrhotite/chalcopyrite. 66.0 - 68.0, Porphyritic texture, banded at 60° to core axis, odd quartz seam, -1% pyrite. @ 82.0 - 2" <u>Quartz Seam</u> at 45° to core axis with pyrite seams, dark grey-white @ 100.3 - 3" carbonate rich. 102.5 - 106.9, slightly altered, silica rich, -1% pyrite. 106.9 - 111.5, bleached, porphyritic, 1-3% pyrite. @ 108.3 - 1/2" <u>Quartz Seam</u> , grey.	M122	-1%	66.0	68.0	2.0'			.005	
			M123	-1%	81.0	82.5	1.5'			0.08	
			M124	-1%	102.5	106.9	4.4'			0.01	
			M125	1-3%	106.9	111.5	4.6'			0.02	

LANGRIDGES - TORONTO - 366-1168



# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 12

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TCW	V.G.	
					FROM	TO	TOTAL						
		111.5 - 113.5, Siliceous seams, -1% pyrite.	M126	-1%	111.5	113.5	2.0'					.005	
		113.5 - 117.0, -1% pyrite, disseminated.	M127	-1%	113.5	117.0	3.5'					Tr.	
		117.0 - 121.0, carbonate rich sections.	M128	-1%	117.0	121.0	4.0'					0.01	
		121.0 - 125.4, Carbonate/Alteration section.	M129	-1%	121.0	125.4	4.4'					Tr.	
		122.0 - 122.3, Carbonate rich.											
		123.8 - 124.3, Quartz/Tourmaline felsic rich, white.											
		125.0 - 125.4, <u>Quartz/Tourmaline</u>											
		126.0 - 126.4, " " , coarse.	M 1210	-1%	125.4	126.8	1.4'					Tr.	
		@ 127.7 - 1/2" <u>Quartz/Tourmaline</u> Seam at 40° to core axis.											
		@ 130.0 - 1/2" <u>Quartz</u> Seam @ 35° to C.A.											
		@ 131.2 - 3" " "											
		132.5 - 134.5, <u>Quartz/Tourmaline</u> Vein coarse, white, felsic.	M 1211	-1%	131.0	134.5	3.5'					Tr.	
		@ 148.4 - 1" <u>Quartz/Tourmaline</u> , 30° to C.A. white with black borders.											
		@ 152.0 - 1/2" <u>Quartz/Tourmaline</u> Seam											
		@ 157.6 - 1" " "											
		@ 158.0 - 1/4" " "											
		@ 158.3 - 1/2" " "											
		@ 169.0 - 1/2" " "											
		@ 171.0 - 1" " "											
		@ 171.2 - 1" " "											
		<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED -</u>	M 1220	1-2%	182.5	186.2	3.7'					.005	
		Massive, light grey, slightly chloritic, less siliceous with depth, fine grained.	M 1212	-1%	191.0	194.6	3.6'					0.02	
		182.5 - 186.2, Porphyritic with 1-2% pyrite.											
		@ 184.0 - Carbonate rich.	M 1213	-1%	200.5	202.5	2.0'					.005	
182.5	236.0												

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 12

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		214.5 - 218.6, Carbonate/Silica rich with odd speck pyrite.	M 1214		202.5	206.3	3.8'				0.02	
		@ 214.6 - 1/2" <u>Quartz</u> Seam	M 1215		206.3	210.0	3.7'				.005	
		@ 215.6 - 1/2" " " , vugaceous										
		@ 220.2 - 1" " " at 70° to C.A.	M 1216		210.0	214.6	4.6'				.005	
		@ 220.4 - 1/2" " " at 70° " "										
		@ 221.1 - 3/4" " " at 80° " "	M 1217		214.6	218.4	3.8'				.005	
		225.0 - 226.0, Carbonate rich.										
			M 1218		218.4	221.3	2.9'				.005	
236.0	251.0	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> - fine grained, medium grained, less siliceous with depth.	M 1219		221.3	226.2	4.9'				Nil	
	251.0	<u>END OF HOLE</u>										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

L 24+85 East  
2+89 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August

-45° Collar N 180° E

80° North of Anomaly

HOLE NO. JJ - 13

SHEET NO. 1 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
0	11.5	<u>CASING</u> - Sand and Boulder Overburden.										
11.5	223.9	<u>GRANODIORITE INTRUSIVE</u> - fine to medium grained, massive with altered sections, grey colour to grey/green with depth, blue Quartz 'Eyes'.										
		11.5 - 12.5, <u>Highly Altered</u> , carbonate rich. @ 11.5 - 2" <u>Quartz</u> Seam, grey/vugaceous.	M131	-1%	11.5	12.5	1.0'					Tr.
		12.5 - 15.8, massive, medium grained.										
		15.8 - 21.6, <u>Highly Altered</u> , grey colour, banded at 60° to core axis, -1% pyrite content.	M132	-1%	15.8	21.6	5.8'					Tr.
		21.6 - 37.2, pink/grey colour, banded at 60° to C.A., -1% pyrite, odd siliceous fracture.	M133	-1%	22.5	25.5	3.0'					.004
		37.2 - 47.5, Highly Altered, carbonate rich, Felsic rich, bleached, Banded at 60° to core axis.										
		37.2 - 40.5, High carbonate, siliceous, 2-3% pyrite, buff colour, banded at 60° to C.A.	M134	2-3%	37.2	40.5	3.3'					.010
		40.5 - 42.7, Siliceous, buff colour, 1-2% pyrite.	M135	1-2%	40.5	42.7	2.2'					.020
		42.7 - 47.5, light grey colour, 1-2% pyrite content.	M136	1-2%	42.7	47.5	4.8'					.012
		47.5 - 50.0, medium grained, massive, carbonate rich sections, -1% pyrite.	M137	-1%	47.5	50.0	2.5'					Tr.
		50.0 - 54.8, 1% pyrite.	M138	-1%	50.0	54.8	4.8'					0.12
		50.0 - 51.5, fine grained.										
		51.5 - 54.8, massive, medium grained.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.  
 HOLE NO. JJ - 13 SHEET NO. 2 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		54.8 - 60.1, fine grained, siliceous rich, siliceous seams, banded at 70° to core axis, moderately carbonate rich, up to 5% pyrite in sections.	M139	-5%	54.8	60.1	5.3'				.016	
		@ 55.2 - 1/2" Quartz Seam at 60° to C.A. grey colour.										
		@ 55.5 - 1/4" Quartz Seam at 60° to C.A. grey colour.										
		56.2 - 57.2, carbonate rich,										
		59.0 - 60.1, " "										
		@ 60.1 - 1/2" Quartz Seam at 70° to C.A. grey colour.										
		60.1 - 70.0, slightly altered, massive	M 1310	-1%	60.1	64.1	4.0'				.006	
		60.1 - 64.1, Banded at 70° to C.A.										
		@ 62.5 - 1/2" Quartz Seam, grey colour.										
		@ 64.0 - 1/2" " "										
		64.1-70.0, Massive, fine/medium grained.										
		70.0 - 73.0, Siliceous rich with 2-3% pyrite.	M 1311	2-3%	70.0	73.0	3.0'				.016	
		@ 72.4 - 1/2" Quartz Seam at 45° to C.A.										
		@ 72.6 - 1/2" " " 45° " "										
		@ 72.8 - 1/2" " " 45° " "										
		73.0 - 76.5, to 1% dissem/seamlet pyrite.	M 1312	-1%	73.0	76.5	3.5'				.022	
		75.1 - 76.0, Siliceous/Tourmaline rich, highly chloritic.										
		76.5 - 85.3, Massive, medium grained.	M 1313	1-2%	85.3	87.6	2.3'				.008	
		83.5 - 87.6, Slightly altered, siliceous banding at 70° to C.A., 1-2% pyrite.										
		85.3 - 85.7, Carbonate rich.										
		87.6 - 96.0, Massive, medium grained, pyrite rich in sections.										
		96.0 - 97.5, Slightly altered, 1% pyrite.	M 1314	1%	96.0	97.5	1.5'				Tr.	

# DIAMOND DRILL RECORD

 NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

 HOLE NO. JJ - 13

 SHEET NO. 3 of 5

FOOTAGE		DESCRIPTION	SAMPLE					ASSAYS Au.				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		97.5 - 99.9, <u>HIGHLY ALTERED</u> - siliceous with 5% pyrite content. @ 99.0 - 1" <u>Quartz Seam</u> at 80° to core axis, dark grey.	M 1315	-1%	97.5	100.0	2.5'				.046	
		99.9 - 104.4, Massive, medium grained. 101.2 - 102.0, Altered @ 101.5 - 1/2" <u>Quartz Seam</u> .	M 1315A	-1%	100.0	104.4	4.4'				.008	
		104.4 - 108.0, fine grained, slightly altered, to 1% fine disseminated pyrite.	M 1316	-1%	104.4	108.0	3.6'				0.16	
		108.0 - 109.7, <u>Highly Altered</u> with 1-2% pyr. 108.5 - 1" <u>Quartz Seam</u> at 80° to C.A. grey colour.	M 1317	1-2%	108.0	109.7	1.7'				.026	
		109.7 - 117.0, Massive, medium grained, dark grey.										
		117.0 - 122.3, Fine grained, siliceous banding, Banded at 80° to core axis, carbonate rich, slightly chloritic, to 2% pyrite.	M 1318	-2%	117.0	122.3	5.3'				.022	
		122.3 - 146.2, <u>Moderately Altered</u> , fine grained.	M 1319	1-2%	125.0	127.5	2.5'				.044	
		125.0 - 127.5, Silica/carbonate rich with 1-2% pyrite.	M 1320	-5%	132.6	136.0	3.4'				.022	
		132.6 - 136.0, Siliceous/carbonate rich, with up to 5% pyrite in sections. @ 133.0 - 1/2" <u>Quartz Seam</u> .										
		136.0 - 137.5, to 1% pyrite, fine grained, dark grey.	M 1321	-1%	136.0	137.5	1.5'				.004	
		137.5 - 142.0, to 1% pyrite. 141.2 - 1" <u>Quartz Seam</u> at 80° to C.A.	M 1322	-1%	137.5	142.0	4.5'				.026	
		142.0 - 146.2, slightly siliceous.	M 1323	-1%	142.0	146.2	4.2'				.008	
		146.2 - 160.0, pink/grey mottled, massive, medium grained. @ 148.0 - 3" <u>Quartz Seam</u> at 40° to C.A. white-barren.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 13

SHEET NO. 4 of 5

FOOTAGE		DESCRIPTION	SAMPLE					ASSAYS Au.				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ./TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		160.0 - 161.5, Siliceous, fine grained, banded at 60° to core axis, 5% pyrite content. @ 160.5 - 1" Quartz Seam at 60° to C.A., dark grey.	M 1324	5%	160.0	161.5	1.5'				0.04	
		165.5 - 191.0, pink/grey colour, medium grained, with fine grained sections, with slight pyrite content.										
		191.0 - 224.0, <u>Moderate-Highly Altered.</u>										
		191.0 - 196.0, Slightly chloritic, dark grey, slight banding @ 70° to core axis, -1% pyrite.	M 1325	-1%	191.0	196.0	5.0'				.010	
		196.0 - 201.0, siliceous banding, to 2% pyrite, banded at 70° to C.A.	M 1326	-2%	196.0	201.0	5.0'				.026	
		198.0 - 199.2, Felsic Dyke with 1" Quartz seam, dk. grey.										
		201.0 - 206.0, Slightly chloritic/siliceous, -1% pyrite.	M 1327	-1%	201.0	206.0	5.0'				.008	
		206.0 - 208.0, Siliceous/chlorite banding @ 70° to C.A., to 2% pyrite in sections. @ 207.5 - 1/2" Quartz Seam at 70° to core axis, grey, V.G.	M 1328	-2%	206.0	208.0	2.0'				0.10	*
		208.0 - 223.9, Siliceous rich with 1-5% pyrite, slightly chloritic.	M 1329	1-5%	208.0	212.0	4.0'				.022	
		208.0 - 216.3, Siliceous banding.	M 1330	1-5%	212.0	216.3	4.3'				.028	
		216.3 - 223.9, increasing silica banding.	M 1331	1-5%	216.3	220.8	4.5'				0.01	
		@ 221.4 - 1/2" Quartz Seam, grey.	M 1332	1-5%	220.8	223.9	3.1'				0.01	
		@ 222.0 - 1/2" Quartz Seam, grey.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC

HOLE NO. JJ - 13

SHEET NO. 5 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
223.9	229.4	<u>FELSIC METAVOLCANICS - (RHYOLITE) -</u> fine grained, light buff colour, felsic content increasing with depth, sercitic, 1-2% pyrite, crenulated, low-fine siliceous fractures, banded at 65° to core axis. 224.0 - 227.0, Slight Carbonate content.	M 1333	1-2%	223.9	229.4	5.5'				0.01	
229.4	239.5	<u>GRANODIORITE INTRUSIVE -</u> Massive, medium grained, dark grey/green, slightly chloritic. 229.4 - 233.0, Slight banding @ 70° to core axis, 1-2% fine disseminated pyrite.	M 1334	1-2%	229.4	233.0	3.6'				.002	
	239.5	<u>END OF HOLE</u>										

# DIAMOND DRILL RECORD

L 22+85 East  
3+00 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August 7-8, 1984

-45° Collar N 180° E

85° North of Anomaly (Zone 1)

HOLES NO. JJ - 14

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				Avg.		
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON		OZ TON	V.G.
					FROM	TO						
0	35.0	<u>CASING</u>										
35.0	74.7	<u>GRANODIORITE INTRUSIVE</u> - light grey colour, medium grained, porphyritic texture, <u>Massive</u> . 35.0 - 37.6, Carbonate rich. 40.8 - 44.2, silica rich with 1% pyrite. 58.0 - 62.2, silica/carbonate rich with 1% py. 68.0 - 74.7, slight banding @ 60° to core axis. 73.7, - 74.7, siliceous rich, grey/white sugary, with pyrite bands.	M141	-1%	35.0	37.6	2.6'			Tr.		
			M142	-1%	40.8	44.2	3.4'			.014		
			M143	-1%	58.0	62.2	4.2'			.022		
			M144	-1%	73.7	74.7	1.0'			.002		
74.7	85.8	<u>INTERMEDIATE - MAFIC METAVOLCANICS - ANDESITE</u> - fine grained, moderately chloritic, slight banding at 60° to core axis. 77.0 - 77.5, siliceous with pyrite/tourmaline bands. 78.8 - 79.3, siliceous with " " bands.	M145	-1%	77.0	79.3	2.3'			0.10		
			M 1433	-1%	79.3	85.8	6.5'			.002 524		
85.8	133.8	<u>GRANODIORITE INTRUSIVE - MASSIVE - SLIGHTLY ALTERED</u> - fine grained to medium, grey colour, 1% disseminated pyrite, some carbonate/siliceous fractures, banded at 65° to C.A. 85.0 - 87.5, siliceous with chlorite/fuschite. 86.8 - 87.2, <u>Quartz Seam</u> , grey/sugary with fine specks V.G. 87.5 - 91.0, siliceous, -1% pyrite, some carbonate rich sections. 91.0 - 105.0, increased disseminated pyrite. 105.0 - 133.0, carbonate rich shearing. 105.0 - 112.5, High carbonate content. @ 105.0 - 3" <u>Quartz Seam</u> , white.	M146	2-3%	85.8	87.5	1.7'			.096	*	
			M147	-1%	87.5	91.0	3.5'			.024		
			M148	-1%	105.0	108.0	3.0'			.008		
			M149	-1%	108.0	112.5	4.5'			.006		
			M 1410	-1%	112.5	117.5	5.0'			.008		
			M 1411	-1%	117.5	122.5	5.0'			Tr.		



# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 14

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.								
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	GZ TON	V.G.	AVG.	
					FROM	TO	TOTAL							
133.8	151.0	<u>GRANODIORITE - HIGHLY ALTERED -</u> fine grained, bleached, moderately chloritic, M 1434 -1% 131.0 133.8 2.8' banded at 60° to core axis.										.002		
		133.8 - 138.7, dark green colour, odd speck pyrite, carbonate banding. M 1412 -1% 133.8 138.7 4.9'											0.85	
		138.7 - 151.0, highly chloritic, silica rich bands with up to 2% pyrite in bands, crenulated, coarse white quartz seams. M 1413 -2% 138.7 141.8 3.1'											.006	
		@ 144.0 - 6" Quartz Seam. M 1414 -2% 141.8 145.0 3.2'											Tr.	
		@ 144.0 - 6" Quartz Seam. M 1415 -2% 145.0 148.0 3.0'											.002	
151.0	219.0	<u>GRANODIORITE INTRUSIVE - MASSIVE -</u> fine grained, grey colour, low pyrite cube. M 1416 -2% 148.0 151.0 3.0'										.012		
		151.0 - 156.0, slightly siliceous, moderately chloritic, -1% py. M 1417 -2% 151.0 156.0 5.0'											.008	
		160.6 - 168.2, siliceous, to 2% pyrite. M 1418 -2% 160.6 164.2 3.6'											.018	
		168.2 - 192.0, Massive, with up to 1% pyrite. M 1419 -1% 164.2 168.2 4.0'											.008	
		189.0 - 192.0, Siliceous rich. M 1420 -1% 178.0 182.5 4.5'											.008	
		192.0 - 199.5, coarse grained, chloritic. M 1421 -1% 182.5 187.0 4.5'											.018	
219.0	242.5	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED -</u> Light grey, banded at 60° to core axis. M 1422 -1% 187.0 191.5 4.5'										.054		
		219.0 - 219.5, Silica rich. M 1423 -1% 200.5 204.5 4.0'										.006		
		@ 219.5 - 1/2" Quartz Seam, dark grey. M 1435 -1% 217.0 219.0 2.0'											Tr.	
		@ 225.0 - 1/2" " " " " M 1424 -1% 219.0 224.0 5.0'											0.35	
242.5	258.7	@ 227.8 - 1/2" " " " " M 1423 -1% 200.5 204.5 4.0'										.006		
		<u>GRANODIORITE INTRUSIVE - MASSIVE -</u> Medium grained, grey/pink mottled appearance, slightly chloritic. M 1435 -1% 217.0 219.0 2.0'											Tr.	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 14

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				V.G.	Avg.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON			OZ TON
				FROM	TO	TOTAL						
258.7	284.2	<u>GRANODIORITE INTRUSIVE - SLIGHTLY ALTERED -</u> 1% pyrite, banded at 65-70° to core axis, with low quartz shearing, up to 1/2" grey silica seams. 265.0 - 268.5, moderately chloritic. @ 273.4 - 4" Felsic, pyrite rich vein. @ 283.0 - 1" <u>Quartz Seam</u> , grey/sugary. @ 283.5 - 1/2" " " " " "	M 1425	-1%	224.0	228.0	4.0'			0.20		.195 <hr/> 20.5'
			M 1436	-1%	228.0	235.0	7.0'			.143		
			M 1426	-1%	235.0	239.5	4.5'			0.10		
			M 1437	-1%	239.5	242.5	3.0'					
284.2	292.7	<u>GRANODIORITE INTRUSIVE - MASSIVE -</u> medium grained, pink/grey mottled.	M 1427	1%	262.0	264.0	2.0'			0.02		
292.7	295.4	<u>FELSIC METAVOLCANICS - (RHYOLITE) -</u> Buff/pink colour, fine grained, banded at 70° to core axis, up to 1% fine disseminated pyrite.	M 1428	-	265.0	268.5	3.5'			.006		
			M 1429	-	273.0	278.0	5.0'			.006		
295.4	296.0	<u>GRANODIORITE INTRUSIVE - MASSIVE -</u> medium grained, slightly chloritic.	M 1430	-	278.0	282.5	4.5'			.002		
			M 1431	-	282.5	284.5	2.0'			.012		
	296.0	<u>END OF HOLE.</u>	M 1432	-	292.5	295.3	2.8'			.006		

# DIAMOND DRILL RECORD

L 20+85 East  
3+45 South

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August 10-11, 1984

-45° N 195° E

HOLE NO. JJ - 15

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FROM	TO	TOTAL	%	%	OZ/TON	OZ/TON	V.G.
0	41.0	<u>CASING</u> - Sand and Small Boulder Overburden 25.0 - 26.5, silica, 30° to core axis. 29.0 - 30.2, carbonate/felsic.	152	-1%	25.0	26.5	1.5'				.096	
			151	-1%	29.0	30.2	1.2'				.362	
41.0	53.0	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> , fine-medium grained, blue quartz eyes, black/white speckled. 49.0 - 53.0, increasing silica content, -1% fine disseminated pyrite.	153	-1%	49.0	53.0	4.0'				.002	
53.0	62.0		<u>GRANODIORITE INTRUSIVE - HIGHLY ALTERED</u> , siliceous rich, white-sugary texture, slightly chloritic, tourmaline rich seams, flow banded at 10-70° to core axis, sercitic rich, -1% pyrite content in sections.	154	-1%	53.0	57.5	4.5'				.050
		155		-1%	57.5	62.0	4.5'				.002	
62.0	80.0	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> , mafics slightly altered to chlorite, odd carbonate rich seam at 70° to core axis. @ 67.3 - 1" quartz-carbonate seam @ 70° to C.A. 67.5 - 72.5, slightly carbonate rich. @ 78.8 - 1/2" quartz seam @ 55° to core axis.	156	-1%	62.0	67.5	5.5'				.002	
			157	-1%	67.5	72.5	5.0'					
80.0	124.0		<u>GRANODIORITE INTRUSIVE - MASSIVE</u> , light grey/speckled appearance, slightly chloritic, increasing silica content, sections with slight banding at 65-70° to core axis. 82.0 - 82.6, Carbonate/siliceous rich. 85.3 - 86.5, up to 1% disseminated pyrite. @ 86.0 - 1' <u>Quartz Seam</u> , grey, with V.G.	158	-1%	82.0	85.0	3.0'				.002
		159		-1%	85.0	86.5	1.5'				1.44	*
		1510		-1%	86.5	89.6	3.1'				Tr.	
		1511		1-2%	124.0	125.5	1.5'				.02	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 15 SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			OZ./TON	OZ. TON	V.G.	
				FROM	TO	TOTAL					
124.0	142.0	<u>GRANODIORITE INTRUSIVE - MASSIVE</u> , medium grey colour, slightly speckled at 40-70° to core axis, fine-medium grained. @ 130.3 - Tourmaline banding at 70° to core axis. 135.0 - 139.0, carbonate rich bands @ 70° to C.A.	1512	-1%	135.0	139.0	4.0'			.004	
142.0	153.0	<u>GRANODIORITE INTRUSIVE</u> , slightly altered, fine grained, banded @ 70° to core axis, with up to 1% disseminated pyrite. 142.0 - 153.0, bleached with carbonate rich bands. 146.0 - 149.4, siliceous rich with 1-2% pyrite.	1513	-1%	141.8	146.0	4.2'			.006	
			1514	1-2%	146.0	149.4	3.4'			.036	
			1515	-1%	149.4	152.7	3.3'			.006	
153.0	197.0	<u>GRANODIORITE INTRUSIVE</u> , massive, medium grained, slightly banded at 60° to core axis, chlorite increasing with depth. 159.4 - 163.7, fine grained, slight pyrite seams, (up to 1% mineral). 168.0 - 172.5, fine grained, up to 1% dissem. py. 184.8 - 188.0, siliceous, banded at 60° to C.A. 1-3% pyrite.	1516	-1%	159.4	163.7	4.3'			.002	
			1517	-1%	168.0	172.5	4.5'			.012	
			1518	1-3%	184.8	188.0	3.2'			.030	
197.0	232.5	<u>GRANODIORITE INTRUSIVE</u> , Slightly altered, fine grained, banded at 60° to core axis, slightly chloritic. 197.0 - 212.5, pyrite seams (up to 2% mineral in sections). 212.5 - 217.0, mass, medium grained with 1% pyrite. 217.0 - 232.5, fine grained with up to 1% pyrite. 220.6 - 222.0, silica/pyrite rich. 225.5 - 227.3, silica/pyrite rich.	1519	-2%	197.0	200.0	3.0'			0.04	
			1520	-2%	200.0	204.0	4.0'			0.01	
			1521	-2%	204.0	209.2	4.2'			.012	
			1522	-2%	208.2	212.5	4.2'			Tr.	
			1523	-1%	212.5	217.2	4.7'			.016	
			1524	-1%	217.2	220.0	2.8'			.006	
			1525	-1%	220.0	223.3	3.3'			.016	
			1526	-1%	223.3	227.5	4.7'			.014	
			1527	-1%	227.5	232.0	4.5'			.006	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 15

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				V.G.
FROM	TO		NO.	% SULPHIDES	FOOTAGE	%	%	OZ./TON	GR. TON	
				FROM	TO	TOTAL				
232.5	250.5	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, pink/green colour, moderately chloritic.								
250.5	262.0	<u>GRANODIORITE INTRUSIVE</u> - Moderately Altered, slightly siliceous, moderately chloritic, banded at 60° to core axis, disseminated/seamlet pyrite (to 1%) odd speck chalcopyrite. 259.0 - 262.0, highly felsic/siliceous with up to 5% pyrite.	1528	-1%	250.6	255.0	4.4'			.008
			1529	-1%	255.0	259.0	4.0'			.018
			1530	-5%	259.0	262.0	3.0'			.056
262.0	289.6	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, pink/grey colour, moderately chloritic. 275.4 - 279.0, felsic/siliceous bands (white) at 20-70° to core axis, 1/2" to 2" Quartz Seams (barren).	1531	-1%	275.4	279.0	3.6'			.168
289.6	292.0	<u>GRANODIORITE INTRUSIVE</u> - Highly Altered, fine grained, light grey colour, bleached, banded at 60-70° to core axis, tourmaline/silica rich bands, 1% pyrite content, slightly chloritic.	1532	-1%	289.6	292.0	2.4'			0.01
292.0	295.4	<u>FELSIC METAVOLCANICS - RHYOLITE</u> - fine grained, buff/pink colour, banded at 70° to core axis, 1/2% fine disseminated pyrite, siliceous rich banding.	1533	1/2%	292.0	295.4	3.4'			0.01
295.4	303.0	<u>GRANODIORITE INTRUSIVE</u> - slightly altered, fine grained, massive, bleached, -1% pyrite content. 295.4 - 300.0, Massive. 300.0 - 303.0, increase in pyrite/carb. content, banded at 65° to core axis.	1534	-1%	295.4	300.0	4.6'			.008
			1535	1%	300.0	303.0	3.0'			0.03
	303.0	<u>END OF HOLE</u> - (Hole drilled to 312.0 Core Lost and non-retrievable)								

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 16

SHEET NO. 1 of 3

August 16-17, 1984

-49° Collar

N 198° E

(12.5' South of Baseline)  
(99' West of JJ-13)

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		1	2	OZ/TON	OZ. TON	V.G.
					FROM	TO	TOTAL				
0	27.0	<u>CASING</u> -									
27.0	55.3	<u>GRANODIORITE INTRUSIVE</u> - Highly Altered, carbonate rich, fine-medium grained, siliceous/serecitic in sections, slight to moderately chloritic, slight banding at 60-70° to core axis, dioritic appearance in sections. 27.0 - 31.8, Highly carbonate/serecitic rich. @ 31.8 - 2" Quartz Seam (white). 33.0 - 36.8, Highly carbonate rich, rusty. 36.8 - 41.0, Moderately carbonate rich. 41.8 - 47.5, 1-2% pyrite. 47.5 - 55.3, Highly carbonate rich, rusty.	M161	-1%	27.0	31.8	4.8'				.004
			M162	-1%	31.8	36.8	5.0'				.002
			M163	-1%	36.8	41.0	4.2'				0.02
			M164	1-2%	41.0	44.3	3.3'				.064
			M165	1-2%	44.3	47.4	3.1'				.006
			M166	-1%	47.4	51.4	4.0'				.006
55.3	80.3	<u>GRANODIORITE INTRUSIVE</u> - Massive, fine-medium grained, light grey colour, slightly chloritic, slight banding at 70-80° to core axis, low speck pyrite/pyrrhotite. 55.3 - 60.0, fine grained. 57.8 - 59.2, slightly siliceous, with 1-2% pyrite. 60.0 - 70.8, Massive, equigranular. 70.8 - 80.3, slight banding at 70° to core axis.	M167	-1%	51.4	55.3	3.9'				.006
			M168	1-2%	57.8	59.2	1.4'				.050
80.3	97.2	<u>GRANODIORITE INTRUSIVE</u> - Moderately Altered. 80.3 - 87.4, 1-3% pyrite, some siliceous rich sections. 87.4 - 97.2, bleached, up to 1% pyrite, massive, equigranular.	M169	1-3%	80.3	83.8	3.5'				.024
			M 1610	-1%	83.8	87.4	3.6'				.018
			M 1611	-1%	87.4	92.3	4.9'				.002

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 16

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.				V.G.	
FROM	TO		NO.	% SULPHIDES	FOOTAGE	%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL				
97.2	142.7	<u>GRANODIORITE INTRUSIVE</u> - Massive, fine grained, slightly banded at 70° to core axis, low siliceous shearing, moderately chloritic, dark grey colour.	M 1612	-1%	92.3	97.2	4.9'				.010
		100.4 - 100.7, carbonate/siliceous rich.	M 1613	-1%	127.0	131.4	4.4'				.002
		108.0 - 108.3, pyrite/siliceous banding.									
		@ 111.0 - 1/2" Quartz Seam at 80° to C.A.	M 1614	-1%	131.4	136.4	5.0'				.002
		113.0 - 113.6, pyrite/silica banding.									
		115.1 - 115.5, carbonate/silica rich.									
		@ 117.8 - 1" Quartz Seam (grey).									
		127.0 - 142.7, pyrite/chlorite rich sections, (-1% mineral)	M 1615	-1%	136.4	140.0	3.6'				.157
		@ 141.2 - 1" Quartz Seam (grey).	M 1616	-1%	140.0	142.7	2.7'				.004
		@ 142.5 - 1/2" " " "									
142.7	196.3	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained with fine grained - altered sections, dark grey colour, slight-moderately chloritic.									
		155.0 - 157.4, calc/siliceous, -1% pyrite, banded at 70° to core axis.									
		162.5 - 165.4, banded at 70° " " " -2% pyrite content.	M 1617	-2%	162.5	165.5	3.0'				.010
		172.0 - 174.6, calc/siliceous, banded at 70° C.A. 1-2% pyrite content.	M 1618	-1%	172.0	179.6	7.6'				0.02
		@ 173.2 - 1" Quartz Seam (grey)									
		180.9 - 184.0, Calc/siliceous, banded @ 80° C.A.	M 1619	-1%	180.9	184.0	3.1"				.018
		@ 182.5 - 1/2" Quartz Seam (grey) with tourmaline bands.	M 1620	-1%	192.6	196.2	3.6'				.006
196.3	199.0	<u>GRANODIORITE INTRUSIVE</u> - Slightly Altered, fine grained, light grey colour, -1% pyrite, banded at 70° C.A.									
		198.0 - 198.4, Quartz Vein (grey).	M 1621	-1%	196.2	199.0	2.8'				.072

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

HOLE NO. JJ - 16

SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE					ASSAYS				V.G.	
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ./TON	OZ./TON		
					FROM	TO	TOTAL						
199.0	202.6	<u>FELSIC METAVOLCANICS (RHYOLITE)</u> - fine grained, pink/buff colour, banded at 70° to core axis, -1% fine disseminated pyrite.	M 1622	-1%	199.0	202.5	3.5'					.006	
		201.0 - 201.9, massive, fine grained granodiorite, banded at 70° to core axis.	M 1623	-1%	202.5	208.2	5.7'					.022	
202.6	208.2	<u>GRANODIORITE INTRUSIVE</u> - Fine grained with siliceous banding at 70° to core axis.	M 1624	-1%	208.2	209.0	0.8'					.014	
208.2	209.0	<u>FELSIC METAVOLCANICS (RHYOLITE)</u> - Fine grained, buff-pink colour, banded at 70° to core axis.											
209.0	209.7	<u>GRANODIORITE INTRUSIVE</u> - Massive, medium grained, dark grey colour.											
	209.7	<u>END OF HOLE.</u>											



# DIAMOND DRILL RECORD

N 165° E

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August 23-24, 1984 -55° Collar (448° North of JJ-12) 107° North of Anomaly

HOLE NO. JJ - 17

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS AU						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
0	33.0	<u>CASING</u> - Sand & Abundant Boulders, up to 2.0' diameter.										
33.0	136.7	<u>INTERMEDIATE METAVOLCANICS - (ANDESITE) -</u> fine grained, light grey/green colour, slightly chloritic (increasing with depth), slightly crenulated banding @ 60° to core axis, odd blue quartz eye, cherty texture in sections low mineralization (pyrite, pyrrhotite, chalcopyrite, magnetite) chalcopyrite replacement or pyrite crystal, some calcitic fractures cutting blue quartz eyes. 35.5 - 37.5, pyrite banding with increase in silica content. @ 64.0 - breccia seam at 85° to core axis. 55.8 - 64.0, highly chloritic. 64.0 - 93.0, calcite/siliceous shearing, porphyritic texture. 80.8 - 82.5, siliceous rich banding. 119.0 - 134.0, slightly more calcite/siliceous banding. 124.0 - 125.0, up to 1% dissem. pyrite. 132.5 - 134.0, siliceous rich, crenulated bands. 134.0 - 136.7, schistose with coarse grained pyrite cube & chlorite bands.	M171	-1%	35.5	37.5	2.0'				.024	
136.7	176.2	<u>MASSIVE SULPHIDES IN SHEAR (IRON FORMATION)</u> 60%-90% sulphides (pyrite, pyrrhotite with minor chalcopyrite, sphalerite) banded at 65°-75° to core axis. 136.7 - 137.7, chlorite/mafic rich with pyrite-pyrrhotite seams.	M172	-1%	132.5	136.7	4.2'				.002	

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

 NAME OF PROPERTY MAGINU - MCNELLEN RESOURCES INC.

 HOLE NO. JJ - 17

 SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au. Ag						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	OZ/TON
					FROM	TO	TOTAL					
		137.7 - 142.0, 60% sulphides (15% pyrrhotite, 45% pyrite).	M173	60%	136.7	142.0	5.3'				Tr.	Tr.
		142.0 - 162.5, 80-90% sulphides (25% pyrrho., 60% pyrite avg).	M174	80-90	142.0	147.2	5.2'				Tr.	Tr.
		@ 159.0 - brecciated pyrite fragments in pyrrhotite matrix.	M175	80-90	147.2	152.3	5.1'				.002	Tr.
		162.5 - 172.5, 70% sulphides (80% pyrrhotite, 40% pyrite).	M176	80-90	152.3	157.4	5.1'				.002	Tr.
		163.8 - 164.1, chlorite bands.	M177	80-90	157.4	162.5	5.1'				.002	0.02
		172.5 - 176.2, 15%-20% sulphides in bands at 50-60° to core axis, (10% pyrrhotite 10% pyrite).	M178	70%	162.5	167.5	5.0'				Tr.	Tr.
			M179	70%	167.5	172.5	5.0'				Tr.	Tr.
			M1710	15-20	172.5	176.2	3.7'				Tr.	Tr.
176.2	189.2	<u>FELSIC-INTERMEDIATE METAVOLCANICS with IRON FORMATION -</u> sercitic, fine grained, light grey colour, up to 10% sulphides in bands (pyrite, pyrr.), sugary quartz with cherty texture. 182.5 - 189.0, siliceous rich with 5-10% sulphides in bands @ 50-80° to core axis.	M1711	10%	176.2	182.5	6.3'				.002	
			M1712	10%	182.5	185.8	3.3'				Tr.	
			M1713	10%	185.8	189.2	3.4'				Tr.	
189.2	199.2	<u>INTERMEDIATE-FELSIC METAVOLCANICS -</u> dark grey colour, fine grained, schistose, sercitic, banded at 55-60° to core axis, pyrrhotite blebs and seams (3-5% mineral content).	M1714	3-5%	189.2	194.2	5.0'				Tr.	
			M1715	3-5%	194.2	199.2	5.0'				.002	

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au Ag					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	oz/ton
					FROM	TO	TOTAL					
199.2	219.0	<u>FELSIC METAVOLCANICS WITH IRON FORMATION -</u> Buff-light grey colour, sercitic, schistose, silica rich banded at 65° to core axis, sugary quartz with cherty texture, pyrite- pyrrhotite seams (-1% mineral content), odd chlorite rich seam. 203.5 - 207.8, silica rich.	M 1716	-1%	199.2	203.5	4.3'					.002
			M 1717	-1%	203.5	207.8	4.3'					Tr.
			M 1718	-1%	207.8	213.0	5.2'					Tr.
			M 1719	-1%	213.0	219.0	6.0'					Tr.
	219.0	<u>END OF HOLE.</u>										

*Handwritten signature or initials*

# DIAMOND DRILL RECORD

N 165° E

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August 28-29, 1984 -45° Collar 75° North of Anomaly 1130° North Claim

HOLE NO. JJ - 18

SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
0	12.5	<u>CASING</u> - Sand Overburden.										
12.5	122.0	<u>INTERMEDIATE METAVOLCANIC FLOW - ANDESITE</u> - fine grained, massive with banding at 70° to core axis, dark green colour, crenulated, siliceous seams with pyrite/pyrrhotite. 15.2 - 16.0, increasing silica shearing. 16.0 - 18.0, banded silica/sulphides, crenulated 30% pyrite/pyrrhotite with minor magnetite, odd speck chalcopyrite white-sugary textured quartz. (Zone 1). 18.0 - 28.5, massive. 28.5 - 29.3, banded silica/sulphides, crenulated 30% pyrite/pyrrhotite with minor magnetite & chalcopyrite, grey/white/sugary textured quartz, banding at 20° to core axis. 29.3 - 32.0, silica rich banding at 70° to core axis, with -2% pyrite/pyrrhotite in seams. 32.0 - 58.0, massive with low fine-disseminated pyrite/pyrrhotite, porphyritic texture (squeezed silica seams). 58.0 - 69.7, Massive. 69.7 - 72.5, Banded silica/sulphides (Zone 2) 30% pyrite with minor pyrrhotite and magnetite. 72.5 - 78.2, banded silica/sulphides (Zone 2) (average 50% sulphides) pyrite with minor pyrrhotite. 76.0 - 78.0, 90% Sulphides.										
			M181	30%	15.2	18.0	2.8'				.003	
			M182	30%	28.5	32.0	3.5'				.001	
			M183	30%	69.7	72.5	2.8'				.001	
			M184	50%	72.5	75.0	2.5'				.010	
			M185	90%	75.0	78.2	3.2'				.001	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 18

SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
		78.2 - 116.5, massive with squeezed silica seams (porphyritic texture), increasing chlorite content, odd blue quartz eye. Average 1% pyrite/pyrrhotite.	M186		78.2	81.0	2.8'				.005	
		81.0 - 82.0, pyrite/pyrr. bands (2%).										
		83.5 - 83.9, " " magnetite (80% sulphides).	M187	80%	81.0	83.9	2.9'				.001	
		91.0 - 94.0, pyrite/pyrr. bands, (20% sulphides).	M188	20%	91.0	94.0	3.0'				.002	
		100.0 - 107.0, silica rich banding with 5% disseminated seamlet pyrite/pyrr.	M189	5%	100.0	107.0	7.0'				.001	
		109.0 - 111.8, banded silica/sulphides 80% pyrite/pyrrhotite with low magnetite crystal	M1810	80%	107.0	111.8	4.8'					
		112.5 - 116.4, 2-5% squeezed blebs pyrite/pyrrhotite.	M1811	2-5%	111.8	116.4	4.6'				.001	
		116.4 - 122.0, Massive.										
122.0	147.5	<u>FELSIC METAVOLCANIC FLOW (RHYOLITIC) -</u> Light grey colour, fine grained, slightly sercitic, banded at 70-80° to core axis, low seam/disseminated pyrite/pyrrhotite. 122.0 - 123.5, porphyritic (Quartz phenocrysts) euhedral to anhedral.										
	147.5	<u>END OF HOLE.</u>										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

N 165° E

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

August 30-31, 1984 -45° Collar 225' East of JJ-18

HOLE NO. JJ - 19

SHEET NO. 1 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
0	10.0	<u>CASING</u> - Sand Overburden.										
10.0	130.1	<u>INTERMEDIATE METAVOLCANIC FLOW - (ANDESITE)</u> fine grained, green-grey colour, with fine calcite/siliceous seams, banded at 70 - 75° to core axis. 10.0 - 12.5, crenulated. 16.0 - 18.5, bleached, carbonate rich seams, odd seamlet pyrite. @ 15.6 - 2" Quartz Seam (white-sugary). 20.4 - 26.2, siliceous rich banding. 26.2 - 34.0, banded silica-sulphides (Zone 1) 50% pyrite/pyrrhotite with minor magnetite, grey/white sugary quartz. 34.0 - 63.4, altered, squeezed silica seams, porphyritic texture, dark green colour, slightly chloritic (increasing with depth), banded at 65° to core axis. Average 2-5% pyrite/pyrrhotite in seamlets odd blue quartz eye phenocryst. 34.4 - 35.0, pyrite/pyrrhotite bands. @ 35.6 - 1" pyrite/pyrrhotite band. @ 37.5 - 3" " " " @ 38.0 - 1" " " " @ 39.4 - 4" " " " 44.5 - 44.8, pyrite/pyrr. rich with minor magnetite, 80% sulphides, pyrrhotite replacement at pyrite contacts. 46.0 - 47.2, pyrite/pyrrhotite rich 90%										
			M191		16.0	18.5	2.5'				.001	
			M192		20.4	26.2	5.8'				.001	
			M193		26.2	30.0	3.8'				.004	
			M194		30.0	34.0	4.0'				.010	
			M195		34.0	39.0	5.0'				.001	
			M196		39.0	41.0	2.0'				.001	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 19

SHEET NO. 2 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		63.4 - 121.7, light green colour, massive with increasing silica content, -1% bleb/seamlet pyrite.										
		63.4 - 103.0, felsic/silica bands, squeezed, giving porphyritic appearance, pseudo phenocrysts parallel banding at 70° to C.A., slightly chloritic.										
		63.4 - 66.0, felsic rich, slightly bleached.										
		103.0 - 121.7, increasing chlorite content, increase in pyrrhotite content. Banded at 70° to C.A.										
		121.7 - 124.3, moderately chloritic with 1-5% seamlet pyrite/pyrrhotite.	M1971	-5%	121.7	124.3	2.6'					.001
		124.3 - 126.3, silica/sulphide banding, 80% pyrite/pyrrhotite, sugary textured quartz.	M198	80%	124.3	126.3	2.0'					.001
		126.3 - 130.1, bleached, siliceous rich with squeezed pyrrhotite seamlets.	M199	-2%	126.3	130.1	3.8'					.001
130.1	137.0	<u>BANDED QUARTZ-SULPHIDES</u> - (Zone 2)										
		130.1 - 133.2, up to 70% pyrite/pyrrhotite.	M1910	-70%	130.1	133.2	3.1'					.001
		133.2 - 137.0, up to 90% pyrite/pyrrhotite.	M1911	-90%	133.2	137.0	3.8'					.004
137.0	151.4	<u>MAFIC METAVOLCANIC FLOW (BASALT)</u> - Highly chloritic, slight banding at 70° to core axis.										
		137.0 - 140.0, altered, 1-20% pyrite/pyrr.	M 1912	-20%	137.0	140.0	3.0'					.001
		140.0 - 143.0, pyrite/pyrrhotite seams with low crystal magnetite (replacement of quartz eye phenocrysts).	M 1913	-2%	140.0	143.0	3.0'					.001

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC.

HOLE NO. JJ - 19 SHEET NO. 3 of 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		140.0 - 140.6, Banded Quartz/Sulphides. 141.3 - 142.7, Banded Quartz/Pyrite.										
151.4	178.0	<u>COARSE METAVOLCANIC FLOW</u> - fine to medium grained, highly chloritic, with quartz eye phenocrysts, low speck magnetite/pyrite.										
	178.0	<u>END OF HOLE.</u>										



# DIAMOND DRILL RECORD

N 145°E  
Claim

NAME OF PROPERTY Magino - M<sup>C</sup>Nellen Resources Inc.

-45° 65 feet south to anomaly L 10 West 25+50 south August 31- Sept.1/1984 HOLE NO. JJ 20 SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	Au.	
					FROM	TO			TOTAL	OZ. TON
0	10.5	<u>Casing</u> - sand and boulder glacial till overburden								
10.5	162.5	<u>Granodiorite Intrusive</u> - fine-medium grained, equigranular, massive, green/white (speckled) appearance, mafics altered to chlorite, slight banding @ 80° to core axis, odd cube pyrite, blue quartz eye phenocrysts 10.5-11.3- carbonate rich seams 15.8-17.5- fine grained, porphyritic texture, chlorite rich 61.2-64.0- quartz/tourmaline rich seams with <u>M201</u> -1% disseminated pyrite (grey/white-coarse grained quartz) 82.2-162.5- slight banding @ 40-90° to core axis sections with coarse pyrite cubes 102.0-105.0- slightly altered, banded @ <u>M202</u> -1% 50° to core axis 124.0-153.0- slight banding @ 70° to core axis @ 133.0- 3" quartz seam @ 45° to core axis, coarse, tourmaline rich contacts 153.0-162.5- pink/grey colour, medium grain								
162.5	173.0	<u>Basic Metavolcanic Flow</u> -(Basalt) fine grained, black colour, schistose, massive with low-fine siliceous shearing								
173.0	185.5	<u>Granodiorite Intrusive</u> - medium grained, equigranular, speckled white/green colour 173.0-174.5- up to 2% disseminated pyrite <u>M203</u> -2% 180.0-185.5- gradational transition to meta-volcanics- alteration zone @ 177.0- 3" quartz seam @ 50° to core axis <u>M206</u> -1% @ 177.5- 4" quartz seam @ 50° to core axis								

LANGRIDGES - TORONTO - 386-1188

# DIAMOND DRILL RECORD

NAME OF PROPERTY Magino -M<sup>C</sup>Nellen Resources Inc.  
 HOLE NO. JJ 20 SHEET NO. 2 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
185.5	194.0	<u>Intermediate-Basic Metavolcanic Flow-</u> (andesite)- fine grained, medium grey colour, massive									
		185.5-190.5- slight siliceous shearing	M204	-1%	185.5	190.5	5.0'				TR
		190.5-194.0- slight banding @ 50-80° to core axis with low disseminated seamlet pyrite (odd speck chalcopyrite)	M205	-1%	190.5	194.0	3.5'				.002
194.0	210.0	<u>Feldspar Porphyry-</u> coarse grained (euhedral) phenocrysts in felsic to intermediate matrix, slightly chloritic, felsic content increases with depth									
	210.0	<u>End of Hole</u>									

# DIAMOND DRILL RECORD

N 145° East

Claim

NAME OF PROPERTY Magino

-M<sup>C</sup>Nellen Resources Inc.

-45° L 6+00 West- 25+75 South 68 feet south to anomaly Sept.2-3,1984

HOLE NO. JJ 21

SHEET NO. 1 of 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPH. IDES	FOOTAGE			%	%	OZ TON	OZ TON	
					FROM	TO	TOTAL					
0	10.0	<u>Casing-</u> sand and boulder overburden										
10.0	166.0	<u>Granodiorite Intrusive-</u>										
		10.0-27.5- massive, fine grained, odd speck pyrite, dark grey colour										
		27.5-31.5- slightly carbonate/siliceous rich, bleached, -1% disseminated pyrite cube										
		@ 27.9- 2" quartz/tourmaline seam @ 30°CA. <u>M211</u>		-1%	27.5	31.5	4.0'					0.180
		@ 29.2- 2" quartz/tourmaline seam @ 30°CA.										
		30.4-31.5- up to 2% disseminated pyrite @ 31.1- 2" quartz/tourmaline seam										
		31.5-86.5- light/medium grey colour, increase in chlorite alteration, decrease in mafic content, white/grey speckled appearance, fine to medium grained										
		71.0-74.5- altered, fine grained, bleached, chloritic, crenulated banding @ 80° to core axis, sercitic rich odd speck pyrite in sections <u>M212</u>		-1%	71.0	74.5	3.5'					.002
		79.8-82.0- altered, fine grained, chloritic, sercitic rich, banded @ 70° CA.										
		@ 81.0- 1" quartz seam (coarse/white) <u>M213</u>		-1%	79.8	82.0	2.2'					TR
		@ 82.0- 1" quartz seam (coarse/white)										
		82.0-83.0- massive with -1% pyrite cube										
		83.0-86.5- altered, fine grained, chloritic slight banding @ 70° to core axis										
		83.2-84.5- siliceous rich banding <u>M214</u>		-1%	83.0	87.5	4.5'					.018
		86.5-145.0- massive, medium/coarse grained, speckled pink/green appearance, mafics altered to chlorite, odd chlorite/quartz seam										
		@ 102.8- 3" quartz seam @ 70°-coarse/white										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY Magino

HOLE NO. JJ 21

SHEET NO. \_\_\_\_\_

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		@ 123.2- 1" quartz seam @ 45° to core axis									
		@ 124.0- 2" quartz seam									
		@ 127.0- siliceous rich									
		@ 142.0- 2" quartz seam @ 70° core axis									
		145.0-166.0- medium grained, chlorite content increasing, speckled white/grey appearance odd felsic/epidote rich seam									
166.0	201.0	<u>Feldspar Porphyry-</u> light green colour, coarse grained phenocrysts ( to 0.5 cm diameter)(euhedral), felsic rich matrix									
		167.5-181.0- slight banding @ 70-80° to core axis, slightly schistose, up to 1% dissem. pyrite cube	M216	-1%	166.0	170.0	4.0'				TR
		@ 193.0- pyrite rich banding (4% content)	M217	-1%	170.0	175.0	5.0'				TR
		@ 198.0- blue quartz-eye phenocrysts	M218	-1%	175.0	181.0	6.0'				TR
201.0	249.0	<u>Mafic Metavolcanic Flow-(basalt)-</u> fine grained, dark grey/green colour, banded @ 70° to core axis, slight to moderately chloritic									
		201.0-204.0- pyrite rich seams (up to 2% mineral)	M219	-2%	201.0	204.0	3.0'				TR
		204.0-224.0- less than 1% disseminated/seam pyrite fine siliceous shearing parallel band	M2110	--	207.3	208.5	1.2'				TR
		224.0-249.0- decrease in chlorite content, increase in felsic content (Intermediate rich)									
	249.0	<u>End of Hole</u>									

LANGRIDGES - TORONTO - 366-1168

*E. J. Langriges*

# DIAMOND DRILL RECORD

N 145° East  
Claim  
Sept. 4-5, 1984.

NAME OF PROPERTY Magino

- M<sup>C</sup>Nellen Resources Inc.

-45° L 8+00 East 25+25 South (Grid B) 20 feet south of anomaly

HOLE NO. JJ 22

SHEET NO. 1 of 1

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	
					FROM	TO	TOTAL					
0	10.5	<u>Casing-</u> sand and boulder overburden										
10.5	100.0	<u>Granodiorite Intrusive-</u> fine-medium grained, equigranular, grey speckled colour, blue quartz eye phenocrysts										
		12.0-15.2- slightly chloritic, bleached, carbonate/siliceous rich, grey/coarse grained quartz with tourmaline borders	M221	-1%	12.0	15.2	3.2'				0.060	
		15.2-21.0- slightly chloritic, crenulated banding @ 10-55° to core axis, up to 2% disseminated cube pyrite in sections, slightly siliceous in sections	M222	-2%	15.2	21.0	5.8'				.016	
		@ 16.1- 1" quartz/tourmaline seam										
		@ 17.6- 5" quartz/tourmaline seam										
		@ 20.6- 3" quartz/tourmaline seam										
		21.0-87.0- massive, equigranular with sections slightly banded @ 70° to core axis, slightly chloritic										
		42.2-42.6- siliceous rich with -1% pyrite										
		@ 63.5- 2" quartz/tourmaline seam (coarse -white)										
		71.1-71.3- quartz/tourmaline with pyrite seamlets										
		84.0-84.7- quartz seam (coarse/white)	M223	-1%	84.0	85.0	1.0'				.272	
		87.0-96.0- slightly altered with banding @ 70° to core axis	M224	-1%	88.0	93.0	5.0'				TR	
		96.0-100.0- medium grained, increase chlorite content, massive	M225	-1%	93.0	96.0	3.0'				.008	
100.0		<u>End of Hole</u>										

# DIAMOND DRILL RECORD

3 + 20 South  
18 + 85 East

NAME OF PROPERTY MAGINO - MCNELLEN RESOURCES INC

September 12 - 15, 1984      -45°      Bearing 195°

HOLE NO. JJ - 23      SHEET NO. 1 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	Au.		V.G.
					FROM	TO	TOTAL			oz. ton	oz. ton	
0	40.0	<u>CASING</u> - Sand, gravel with boulders to 6"										
40.0	306.2	<u>GRANODIORITE</u> -										
		40.0 - 51.5, massive, medium-coarse grained, very slight fine grained disseminated pyrite. @ 48.5, rusty fracture at 40° to C.A.										
		50.0 - 51.5, as above.	1	-1%	50.0	51.5	1.5				0.060	
		51.5 - 66.2, slightly better mineralized with pyrite, more siliceous, fractured, at 20° quartz stringers to 1" - 50° to 85° to C.A.										
		51.5 - 54.5, siliceous, fractured 30° C.A. @ 54.6, 3/4" quartz seam @ 85° to C.A. @ 52.9, 1/2" qtz. stringer @ 80° C.A.	2	-1%	51.5	54.5	3.0				0.014	
		54.5 - 55.9, much more acid, 50% silica.	3	+1%	54.5	55.9	1.4				0.050	
		55.9 - 61.2, siliceous, slightly altered, fine disseminated pyrite. @ 57.8, 1/2" quartz stringer @ 85° C.A.	4	-1%	55.9	61.2	5.3				0.008	
		61.2 - 66.2, slightly more massive, less pyrite than above.	5	-1%	61.2	66.2	5.0				Tr.	
		61.2 - 61.5, rusty, carbonated @ 62.3, 1/4" quartz stringer @ 45° C.A. 65.7 - 66.2, carbonate and quartz @ 66.2, fractured @ 80° to C.A., vuggy.										
		66.2 - 82.6, medium-coarse grained, massive.										
		81.8 - 82.3, fractured, carbonated.										
		82.6 - 90.0, medium-coarse grained, very slight fine scattered pyrite.										
		82.6 - 87.9, as above.	6	-1%	82.6	87.9	5.3				Tr.	
		82.7 - 83.0, fractured @ 40° to C.A. carbonated.										
		86.3 - 87.4, hairline quartz filled fractures 85°-90° to C.A.										

LANGRIDGE - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 23 SHEET NO. 2 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	V.G.	
					FROM	TO						TOTAL
		87.9 - 90.0, as above, with small siliceous and carbonated zones. @ 87.8, 1/2" quartz at 90° 88.2 - 88.4, quartz with black tourmaline @ 45° to C.A. @ 89.8, 1" carbonate	7	-1%	87.9	90.0	2.1				0.004	
		90.0 - 102.8, massive, medium-coarse grained, very little pyrite.										
		102.8 - 111.9, As above, but slightly more siliceous and carbonated.										
		102.8 - 105.0, siliceous @ 104.7, 2" heavy carbonate	8	-1%	102.8	105.0	2.2				0.004	
		105.0 - 108.1, siliceous, fine, widely disseminated pyrite.	9	-1%	105.0	108.1	3.1				0.026	
		108.1 - 110.0, as above 109.0 - 110.0, carbonated, broken core.	10	-1%	108.1	110.0	1.9				0.002	
		110.0 - 111.9, carbonated @ 110.7, 1/4" quartz stringer 80° C.A. @ 111.2, 1/4" " " 80° C.A. 111.3 - 111.9, low shear @ 60° C.A.	11	-1%	110.0	111.9	1.9				Tr.	
		111.9 - 116.0, massive, medium-coarse grained.										
		116.0 - 147.5, fine grained, more carbonate than above in stringers and seams, very siliceous, very little mineral.										
		116.0 - 120.3, as above.	12	-1%	116.0	120.3	4.3				0.012	
		120.3 - 123.3, as above, slightly better mineralized, 1/8" carbonate stringer @ 127.0' at 45° to core axis.	13	-1%	120.3	123.3	3.0				0.010	
		123.4 - 128.4, more massive than above but very siliceous and slightly more pyrite. 2 fine specks V.G. at 125.0'	14	-1%	123.4	128.4	5.0				0.204	
		128.4 - 131.7, as above.	15	-1%	128.4	131.7	3.3				0.008	*

# DIAMOND DRILL RECORD

 NAME OF PROPERTY MAGINU - MCNELLEN RESOURCES INC.

 HOLE NO. JJ - 23

 SHEET NO. 3 of 5

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		131.7 - 133.9, very siliceous @ 131.8, 1/8" tourmaline band 30° C.A. @ 132.5, 1/4" quartz stringer with tourmaline @ 30° to C.A. @ 132.6, 1/4" quartz-carbonate seam @ 60° to C.A., normal to above stringer. 133.3 - 133.7, dark grey quartz with tourmaline bands @ 45° to C.A.	16	-1%	131.7	133.9	2.2'					Tr.
		133.9 - 137.2, massive, less siliceous but slightly mineralized better than above.	17	-1%	133.9	137.2	3.3					Tr.
		137.2 - 139.3, very siliceous, banded @ 45° streaks of pyrite in banding. 137.2 - 137.7, banded with tourmaline stringers, fine stringers pyrite. @ 138.4, 1/4" quartz stringer 70° C.A.	18	+1%	137.2	139.3	2.1					0.040
		139.0 - 139.3, quartz with tour- maline at 90° to core axis.										
		139.3 - 144.1, more massive than above, carbonate throughout.	19	-1%	139.3	144.1	4.8					0.002
		144.1 - 147.5, massive, siliceous, very little mineral. @ 144.1, quartz carbonate seam with chlorite @ 20° to C.A. @ 146.0, heavy carbonates over 1/2" @ 147.3, two fine carbonate stringers @ 50° to C.A.	20	-1%	144.1	147.5	3.4					Tr.
		147.5 - 182.6, Medium-coarse grained, odd carbonate stringer, semi-massive.										
		172.6 - 174.6, more siliceous with quartz bleb @ 173.5 and 1/2" " @ 174.0 at 20° to C.A.	21	-1%	172.6	174.6	2.0					Tr.



# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 23 SHEET NO. 4 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		182.6 - 222.0, Finer grained, lighter coloured, more siliceous and carbonated.										
		182.6 - 185.9, mainly massive.	22	-1%	182.6	185.9	3.3				0.002	
		184.9, 1/8" carbonate stringer at 90° to core axis.										
		185.9 - 188.7	23	-1%	185.9	188.7	2.8				0.002	
		188.0 - 188.7, rusty, quartz-carbonate @ 45° to C.A.										
		188.7 - 191.2, massive, grey, siliceous.	24	-1%	188.7	191.2	2.5				0.008	
		191.2 - 192.9, rusty, carbonate fractured. Rust lines normal to C.A.	25	-1%	191.2	192.9	1.7				0.008	
		192.9 - 196.0, massive, light grey, speckled	26	-1%	192.9	196.0	3.1				0.024	
		196.0 - 198.7, massive, light grey, speckled	27	-1%	196.0	198.7	2.7				0.034	
		198.7 - 202.1, buff colour, heavily carbonatized to 200.0, quartz sugary, better mineralized than previously.	28	+2%	198.7	202.1	3.4				0.010	
		202.1 - 205.0, grey, silicified, massive.	29	-1%	202.1	205.0	2.9				0.006	
		@ 202.3, 1/8" seam of pyrite 45° C.A.										
		205.0 - 209.1, grey, siliceous, fine banding @ 205.0 & 208.5-209.0.	30	-1%	205.0	209.1	4.1				Tr.	
		209.0 - 217.1, semi-massive, siliceous, only slight alteration, very little mineralization.										
		217.1 - 222.1, more carbonate and quartz.	31	-1%	217.1	222.1	5.0				0.008	
		222.1 - 262.5, semi-massive, siliceous, very slight mineralized or alteration, medium-fine grained.										
		225.8 - 230.0, more carbonated.	32	-1%	225.5	230.0	4.5				0.014	
		227.5 - 228.0 slip nearly parallel to core.										
		229.5 - 230.0 much carbonate @ 85° to C.A. mixed with fine seams pyrite.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 23 SHEET NO. 5 of 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO					
		230.0 - 233.3, Massive									
		233.5 - 237.0, more carbonate than above, very hard.	34	-1%	233.5	237.0	3.5'				Tr.
		237.0 - 241.4, same as above.	35	-1%	237.0	241.4	4.4				0.016
		239.0 - 239.5, flat fractured at 20° to C.A.									
		241.4 - 248.3, as above but less carbonate.									
		248.3 - 251.6, slightly more acid than Sample 35, very hard.	36	-1%	248.3	251.6	3.3				0.006
		251.6 - 254.8, as above.	37	-1%	251.6	254.8	3.2				0.002
		254.8 - 260.0, slightly more carbonate than Sample 37, not as hard.	38	-1%	254.8	260.0	5.2				Tr.
		@ 254.8 - 255.0 banded quartz-carb. with bands pyrite 80° to CA.									
		260.0 - 262.5, medium-fine grained with patches of quartz.	39	1%	260.0	262.5	2.5				0.002
		@ 261.6, 1/8" quartz stringer with 75% pyrite.									
		262.5 - 292.0, coarse grained.									
		262.5 - 265.0, more siliceous.	40	-1%	262.5	265.0	2.5				Tr.
		265.0 - 278.0, massive.									
		278.0 - 282.1, more acid, slightly better mineralized.	41	-1%	278.0	282.1	4.1				0.004
		@ 280.5, chalcopyrite smears.									
		@ 282.0, chlorite seams.									
		282.1 - 287.0, same as Sample 41	42	-1%	282.1	288.0	4.9				Tr.
		287.0 - 294.5, massive, with blue quartz eyes.									
		294.5 - 298.3, fine grained, more siliceous	43	-1%	294.5	298.3	3.8				0.020
		298.3 - 306.2, massive, coarse grained, less acid, mineralization.									
306.2		<u>END OF HOLE.</u>									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 24

SHEET NO. 2 of 6

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		@ 95.7, normal to core.										
		95.5 - 96.5, fractured 20° to core axis.										
		98.7 - 128.0, semi massive.										
		@ 103.6, 1/4" quartz stringer 60° to C.A.										
		105.0 - 110.0, low shear at 80° "	7	-1%	105.0	110.0	5.0'				.016	
		@ 105.0, fractured at 20° to C.A.										
		@ 105.5, silicified with fine tourmaline at 60° to C.A.										
		@ 106.8, 1/2" carbonate-quartz stringer normal to core.										
		@ 108.6, 1" silicified.										
		115.2 - 115.3, flat fracture 20° C.A.										
		@ 118.8, 1" silicified.										
		@ 121.3, oxidized, fine tourmaline at 80° to core axis.	8	-1%	118.8	121.6	2.8				Tr.	
		128.0 - 165.0, more carbonate, altered.										
		127.9, 1/4" quartz stringer.										
		128.3 - 128.6, oxidized.										
		130.0 - 133.5, " , weathered, carbonate rich.	9	1%	127.8	133.5	5.7				Tr.	
		@ 133.1, 1" lamprophyre dike.										
		133.5 - 137.1, massive.	10	1%	133.5	137.1	3.6				.048	
		137.1 - 140.0, semi-massive.	11	1%	137.1	140.0	2.9				.022	
		@ 139.0, 1/8" quartz stringer.										
		140.0 - 143.7, more acid, increasing sulphides.	12	+2%	140.0	143.7	3.7				.448	
		@ 140.5, 1/4" quartz stringer sprinkled with fine V.G.										*
		@ 141.6, carbonate, weathered.										
		@ 142.0, 1-1/2" quartz.										
		@ 143.5 - 143.7, 10% diss. py.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 24

SHEET NO. 3 of 6

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
		143.7 - 148.0, massive, +2% dissem. pyrite. @ 145.2, 146.0, very siliceous.	13	+1%	143.7	148.0	4.3'				.012	
		148.0 - 149.5, mixture of calcite and glassy quartz, no visible mineral- ization.	14	-1%	148.0	149.5	1.5				.002	
		149.5 - 153.5, massive, siliceous.	15	-1%	149.5	153.5	4.0				Tr.	
		153.5 - 156.1, as above, but fractured at 60° to core axis and slightly more carbonate. Rusted along fracture lines. @ 155.6, small vugs.	16	-1%	153.5	156.1	2.6				.008	
		156.1 - 161.1, massive.										
		161.1 - 165.0, more acid.	17	-1%	161.1	165.0	3.9				.004	
		165.0 - 231.1, Coarser grained than above. Disseminated fine pyrite throughout.										
		165.0 - 172.7, massive.										
		172.7 - 173.0, fine banding. @ 173.5, 1/8" quartz stringer. @ 173.6, 1/8" " " " @ 175.1, fine chlorite stringers.										
		177.0 - 178.0, fractured in two directions, each at 30° to core axis.	18	-1%	172.6	175.4	2.8				.002	
		175.4 - 180.0, Massive.	19	-1%	175.4	180.0	4.6				.016	
		180.0 - 184.2, Massive.										
		184.2 - 187.0, more siliceous than above, much very fine disseminated pyrite throughout.	20	+1%	184.2	187.0	2.8				.183	
		187.0 - 192.0, as above, with less pyrite. @ 190.5, 1/4" quartz stringer with chlorite bands. @ 191.8, 1/4" Quartz stringer.	21	-1%	187.0	192.0	5.0				.012	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 24

SHEET NO. 4 of 6

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS Au.					
FROM	TO		NO.	± SULPH IDES	FOOTAGE			%	%	OZ. TON	OZ. TON	V.G.
					FROM	TO	TOTAL					
		192.0 - 196.3, Massive										
		196.3 - 200.0, " , increasing fine disseminated pyrite.	22	+1%	196.3	200.0	3.7'				.038	
		200.0 - 206.5, Massive.										
		206.5 - 210.0, series of 1/4" quartz strgrs at 206.8, 207.6, 207.8, 208.9, 209.1, 209.3, siliceous, fine chlorite banding.	23	+1%	206.5	210.0	3.5				.032	
		210.0 - 213.0, more acid throughout. @ 212.6, 1/2" quartz, well mineralized with pyrite.	24	+1%	210.0	213.0	3.0				.012	
		213.0 - 220.5, bleached, medium-fine grained, fine streaks chlorite throughout. @ 215.6, 1" quartz-carbonate with pyrite. @ 217.3, 2" siliceous with fine pyrite.	25	+1%	213.0	215.6	2.6				.006	
		220.5 - 231.1, semi-massive. @ 225.0, 1" quartz stringer. @ 226.3, 1" " " @ 231.1, contact at 45° to core axis.	26	+1%	215.6	220.6	5.0				.016	
			27	-1%	220.6	225.0	4.4				.020	
			28	-1%	225.0	227.5	2.5				.018	
231.1	250.5	<u>FELSIC DIKE</u> - coarse grained, reddish colour, no visible mineralization. @ 235.3, 1/2" quartz at 45° to core axis. @ 237.6, 1/4" quartz stringer.										
		248.0 - 248.4, siliceous, 1" vein @ 248.4 at 45° @ 241.3, quartz with blebs chlorite.	29	-1%	236.2	241.4	5.2				.010	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 24 SHEET NO. 5 of 6

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
250.5	323.0	<u>GRANODIORITE</u> - altered. 250.5 - 282.4, fine grained, bleached, light grey, chloritic, fine disseminated pyrite throughout. 250.5 - 261.1, semi-massive. 254.0 - 257.5, slightly better mineralized. @ 254.3, 1/2" white quartz 70° to C.A @ 256.7, 1/2" quartz with pyrite, normal to core. 261.1 - 282.4, scattered, siliceous areas and odd small quartz stringer. @ 261.5, 1/2" dark grey quartz at 80° to core axis. @ 262.5, 1/2" dark grey quartz at 80° to core axis. 266.0 - 267.0, better mineralized, felsic. 271.0 - 272.0, " " @ 271.7, carbonate-quartz stringer at 70° to core axis. @ 273.0, 1/4" quartz stringer at 70° to core axis. 273.0 - 273.3, better mineralized, felsic. 279.0 - 282.4, scattered patches of chlorite. 278.5 - 279.0, slightly better mineralized with fine pyrite. 281.0 - 282.0, 30% silica. 282.4 - 292.0, Coarse grained, felsic, massive.										
			30	1%	254.0	257.5	3.5				.014	
			31	-1%	261.1	265.0	3.9				.004	
			32	-1%	265.0	268.9	3.9				.064	
			33	-1%	268.9	272.0	3.1				.032	
			34	-1%	272.0	275.0	3.0				.010	
			35	-1%	275.0	278.0	3.0				.002	
			36	-1%	278.0	282.4	4.4				Tr.	

# DIAMOND DRILL RECORD

NAME OF PROPERTY MAGINO - McNELLEN RESOURCES INC.

HOLE NO. JJ - 24

SHEET NO. 6 of 6

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS Au.						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON	V.G.
					FROM	TO	TOTAL					
		292.0 - 303.5, Medium-coarse grained, small scattered quartz veins, becoming more felsic towards bottom of hole.	37	-1%	292.0	296.0	4.0'				.052	
		@ 293.0, 1/2" quartz at 70° to C.A. both sides banded by fine pyrite.	38	-1%	296.0	300.0	4.0				Tr.	
		@ 295.8, 1/4" quartz stringer 70° C.A.										
		@ 298.0, Two 1/8" " " 70° C.A.										
		@ 300.0, 1/4" " " 80° C.A.										
		298.0 - 302.5, slips @ 15° to C.A.										
		303.5 - 323.0, coarse grained, very felsic.	39	-1%	313.2	316.0	2.8				.002	
		313.5 - 314.5, much white quartz.										
		315.0 - 315.2, siliceous.										
		318.5 - 318.8, "	40	-1%	316.0	321.4	5.4				.012	
		320.4 - 321.1, "										
323.0		<u>END OF HOLE.</u>										

*W. J. ...*

FOR ADDITIONAL  
INFORMATION

SEE MAPS:

FINAN-0045

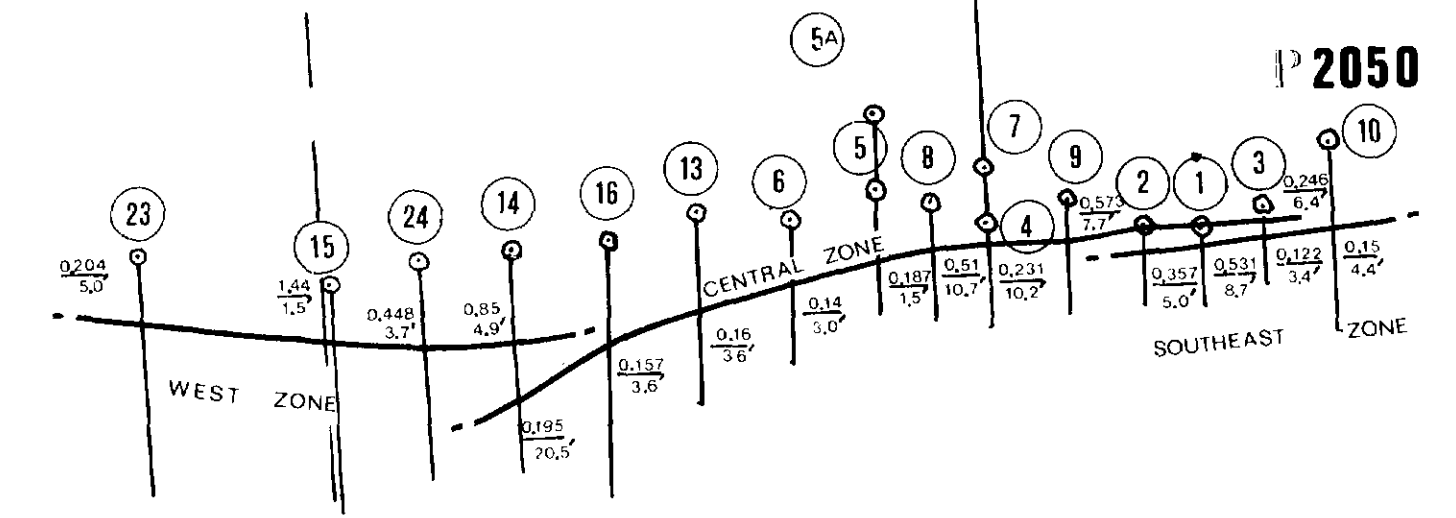
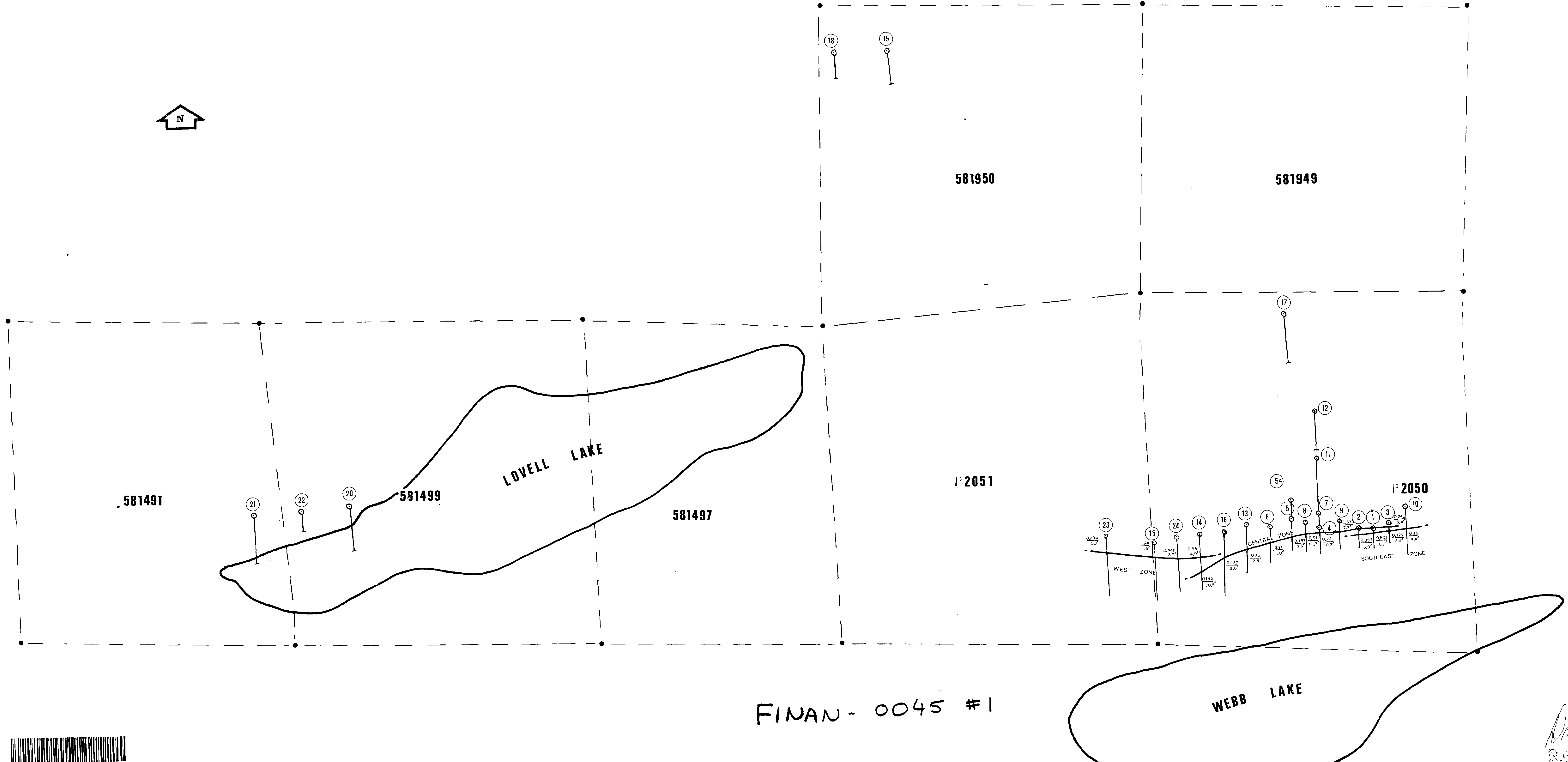
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LEGEND

oz. Au per ton  
feet

MAGINO MINE 63,4475  
DIAMOND DRILL HOLE LOCATIONS  
"JJ" SERIES



FINAN - 0045 #1

*Handwritten signature*  
S.D. Ambrose

