



32D04SE0032 63.4216 MCVITTIE

010

PROGRESS REPORT ON THE
MCVITTIE TOWNSHIP GOLD PROPERTY
OF
LENORA EXPLORATION LIMITED

FOR

THE PERIOD OF JULY 1st. TO DECEMBER 31st., 1982.

Sudbury, Ontario
July 21, 1983

G.J. Hinse, P.Eng.

NTS 32D/4-0203
Project 1022

OM82-6-C-159

July 21, 1983

To the President and Directors
Lenora Exploration Limited
Suite 1816
44 Victoria Street
Toronto, Ontario
M5C 1Y2

Sirs

Re: McVittie Township Gold Property
Progress Report for Period of July 1st. to December 31st., 1982.

Work done on the Lenora Exploration's McVittie Township Gold property during the period extending from July 1st. to December 31st., 1982, was carried out to explore the mineralized zone exposed on the Lake claim. It consisted of channel sampling of the west portion of the zone exposed in a previous program; and on the east extension of the zone, outcrop stripping and washing, trenching in overburden followed by some rock blasting and channel sampling and, later, close to the end of the year, by a program of diamond drilling to test the zone at shallow depths. A total of 11,200 square feet was stripped and washed, 51,000 cubic feet of overburden were removed, channel sampling with a diamond saw included 111 samples taken along a length of 277.3 feet, and approximately 360 cubic feet of rock trenching and 1,233.8 feet of diamond drilling was done.

Location, Access and Land Tenure

The Lenora property lies in the south-center portion of McVittie township within the Larder Lake Mining Division. It is located approximately fifteen miles east of the Town of Kirkland Lake. The west portion of the property is adjacent to the north limit of the Town of Larder Lake. The property is crossed by Highway 66 connecting Kirkland Lake to Noranda and is thus easily accessible through various service roads such as those to the Omega shaft and Larder Lake station.

The property held by Lenora Exploration Limited consists of 17

contiguous claims in two groups, the Omega and Southwest groups.

The Omega group consists of 8 claims for approximately 297.08 acres. They are held under the following numbers: L 313741 to L 313746 inclusive, L 419096 and L 410317.

The Southwest group consists of 9 claims for approximately 337.0 acres. They are held under the following numbers: L 907, L 20399, L 313769, L 313770, L 341811, L 411208, L 411209, L 419377 and L 441494.

General Geology

All the rocks found on the property are Precambrian in age and belong to the Superior Province of the Canadian Shield.

The older rocks consist of conglomerate and sandstone belonging to the Kekeko Lake group overlain by tholeiitic and komatiitic volcanic flows and clastics belonging to the Larder Lake group; interlayered and overlain by chemogenic and clastic sedimentary rocks of the Kerr group; in turn overlain by a high energy sedimentary event, the Barber Lake group. What appears to be the basal unit of the Kekeko Lake conglomerate contains a high percentage of iron formation clasts. In the northeast corner of the Omega group, some trachytes belonging to the Temiscaming group are exposed.

All the above rocks are intruded by lamprophyre, acid and "syenitic" dikes related to an intrusive event now inferred as a collapsed dome, the Pancake Bay intrusive dome. It is suggested that the lamprophyres are more or less restricted to the ultramafics and the majority of the acid and "syenitic" dikes appears to be concentrated at the contact of the ultramafics and the sedimentary rocks underlying the carbonate rocks and those overlying the Larder Lake and Kerr groups.

The property lies along a major "break" structure and the rocks are thus heavily faulted and folded. The "break" can be best defined as a suite of strike and thrust faults occurring within rocks deposited in a

shallow marine environment at the interface of an older volcanic center to the south and a younger one to the north, such that the older volcanic flows are interlayered with clastic and marine sedimentary rocks. The collapse of the older volcanic center caused normal faulting in the shelf area, rifting and folding in the high-energy sedimentary basin and the emergence of a new volcanic center accompanied by reverse and thrust faulting of the shelf rocks. On some of these faults, later tectonic forces caused further reversal of displacement. The major thrust faults are those found at contacts between rock groups such as the Kerr-Barber Lake, Barber Lake-Temiscaming and the contact between the Larder Lake group and the Kekeko Lake conglomerate. Essentially, in the area, horsts of older rocks are exposed between grabens of younger rocks.

There are several cross faults on the property. They can be classed in two categories. The first, the oldest cross faults are more or less restricted to the Larder Lake and Kerr groups while the second, the youngest are linear and extend across all groups.

On the Omega group, the rocks of the Larder Lake "break" face north and are overturned at 60° to the south. In the mine workings, this dip is shown to flatten to 45° south near the 1500'-level. Along strike to the west, a fold develops in the Larder Lake group so that the Southwest zone faces and dips 50 to 60° to the south. South of the Omega group, the axis of the fold is not readily recognizable and possibly, it has been destroyed by the intrusive activity of the Pancake Bay intrusive dome. However, there are indications that the lithologies on the Lake claim would face to the south.

Although there is more than sufficient information to ascertain that the carbonate rocks are found on both limbs of the anticline, the type and attitude of the anticlinal axis is eluding. It is suggested that the axis served as a major zone of adjustment to displacement caused by the Pancake Creek intrusive and compressional forces along an east-west axis. Thus the fault shown along the base line of the Omega group and extending in the northern portion of the Southwest group is believed to represent the axis of the fold.

Geology of the Lake Claim Mineralized Zone

The Lake Claim mineralized zone is contained within a suite of clastic sedimentary rocks consisting essentially of ultramafic conglomerates which include in the vicinity of the mineralized zone minor beach conglomerate and sandstone. Hydrothermal alteration of all rock types is pervasive and variable facies of syenitization and minor dioritization can be found. This alteration attains in places complete recrystallization and substitution of the original constituents by syenite and diorite material. Within the mineralized zone, the original texture of the zone has been locally almost completely destroyed with recrystallization of pyrite and silica and the introduction of secondary silica is widespread. It follows that gold values as contained in the mineralized zone in area of strong hydrothermal alteration such as in its west extension, are highly erratic when compared to areas of less intense alteration, ie. the west portion.

Soft sediment deformations such as clastic dikes are numerous throughout the zone.

As mentioned previously, evidence gathered from drill cores strongly suggest that the rock sequence faces to the south and has a variable dip from steeply north to steeply south.

Results of Work Done

As shown on the accompanying map of the surface trenching and sampling and the general compilation map showing the drill hole locations, the best results were obtained in the west portion of the zone where hydrothermal alteration is weaker when compared to the west extension of the zone. In that portion of the zone, several holes have returned interesting values and diamond drilling has been continued to further outline the mineralized zone.

Respectfully submitted



G. J. Hinse
G.J. Hinse, P.Eng.

Attached to this report.

Location and Property Map

Diamond drill logs of holes L 82-1 to L 82-10.

List of maps in pocket, included with this report.

General Compilation of Lake Zone, 1" = 20 feet.

Survey Map showing Channel Samples and Results, 1" = 20 feet.

Survey Map showing Drill Hole Location and Elevations, East Extension
of Lake Zone, 1" = 20 feet.

Survey Map showing Drill Hole Locations and Elevations, West Portion of
Lake Zone, 1" = 20 feet.

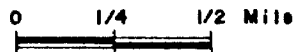
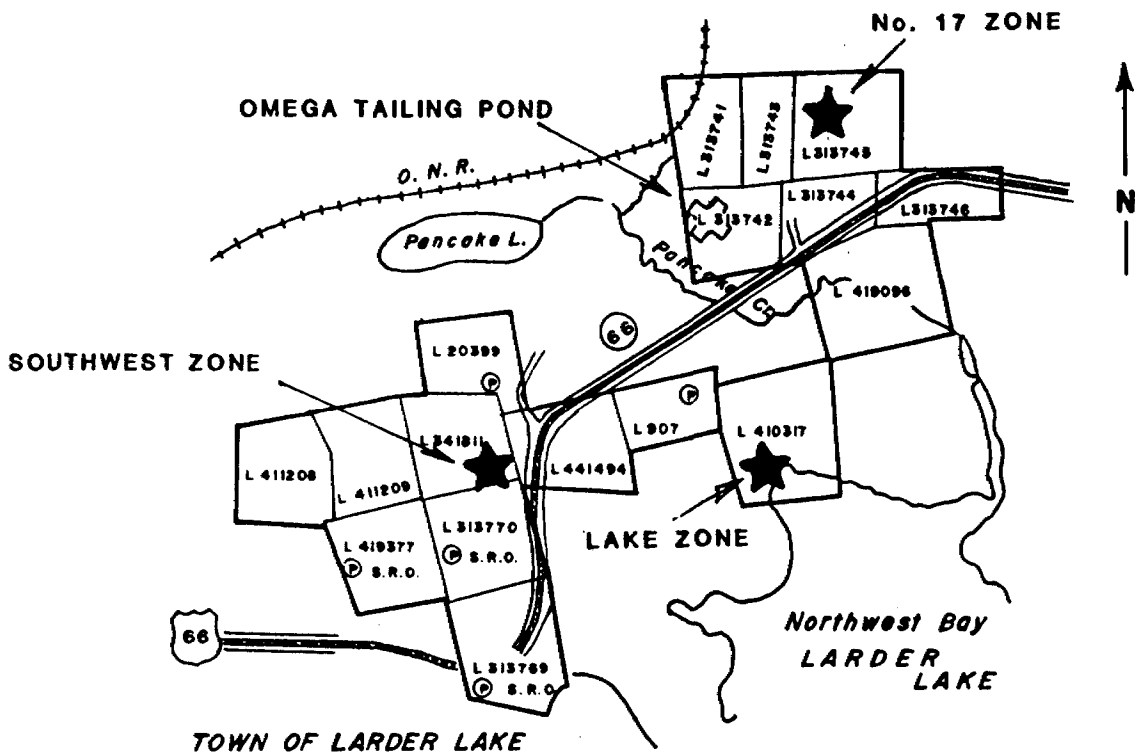
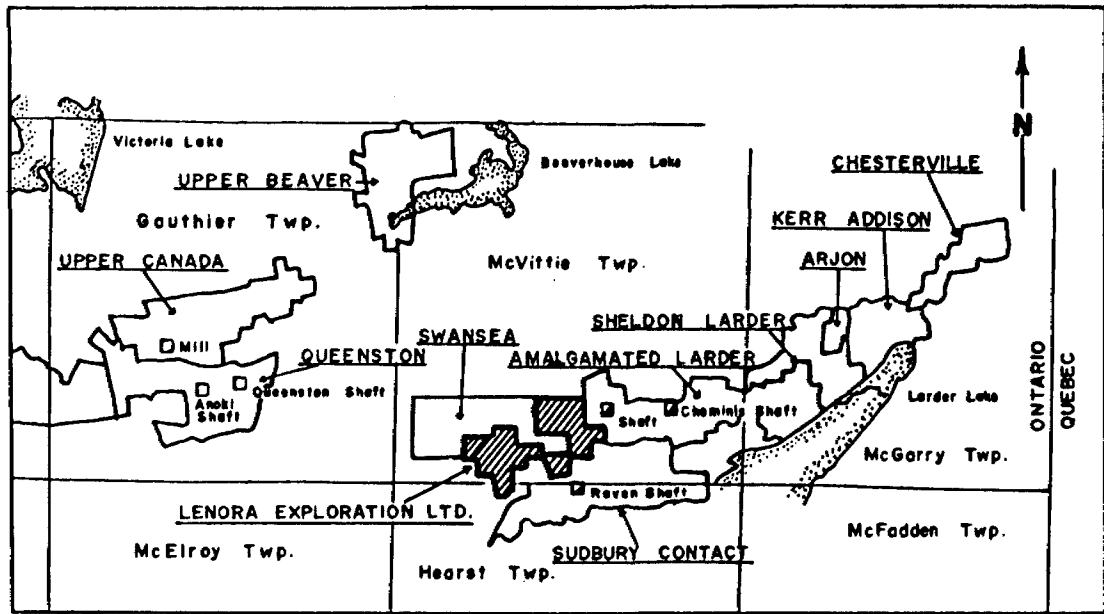


Figure L
LOCATION AND PROPERTY MAP
of
LENORA EXPLORATION LIMITED
McVITTIE TWP. ONTARIO

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-1
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by: Glenn Kasner	Core Size: BQ
Bearing:	Signed: _____	
Inclination: -45°	Core Saved or Discarded: Stored at Kenogami Lake	
Total Depth: 151.0 feet	Casing Pulled: X or Left:	Acid Tests:
Location of Collar:	Project: 1022	At:
Drilled by: Prospect Diamond Drilling Ltd.		At:

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 8.5	Casing			
8.5 39.6	Ultramafic conglomerate, 30-50% stretched clasts, up to 20% pyrite. Locally occassional chert pebble.	7643	34.5 39.5	.002
39.6 49.0	Mafic, mica-rich, (30%) sandstone, 1-3% pyrite, dioritized.	7644	39.6 45.1	N11
49.0 89.0	Ultramafic conglomerate, contact at 23° to core axis, stretched chert clasts, medium grained, quartz eyes locally.			
89.0 97.0	Mafic sandstone, small gash veinlets, mica-rich, medium grained, 1-2% py.			
97.0 118.5	Buff sandstone, 1-3% pyrite throughout, sericite-rich, grain size seems to increase towards bottom of hole.			
118.5 121.0	Ore zone, buff, 60% quartz, 4-5% pyrite	7645	118.5 121.0	.002
121.0 125.0	Intermixed ore zone and buff sandstone, quartz veins throughout, 2-4% pyrite	7646	121.0 125.0	N11
125.0 127.7	Same as above	7647	125.0 127.7	.002
127.7 133.5	Intermixed buff carbonate and sandstone, 2-4% very fine pyrite, 60% quartz in places	7648	127.7 133.5	.002
133.5 141.3	Fine grained buff sandstone.			
141.3 151.0	Fine grained buff sandstone.			
151.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-2
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by: Glenn Kasner	Signed: _____
Bearing:	Core Saved or Discarded: Stored at Kenogami Lake	Core Size: BQ
Inclination: -45°	Casing Pulled: X or Left:	Acid Tests:
Total Depth: 104.0 feet	Project: 1022	At:
Location of Collar:		At:
Drilled by: Prospect Diamond Drilling Limited		

Footage From - To	Geological & Physical Description	Sample From - To Number	Au oz/ton
0.0 5.0	Casing		
5.0 11.0	Green beach conglomerate, 50% stretched carbonate and chert clasts, 2-5% pyrite.		
11.0 23.3	Ultramafic conglomerate, 50% stretched clasts, 2-5% pyrite.		
23.3 27.0	Buff sandstone, contact at 16° to core axis, 2-3% pyrite.		
27.0 32.7	Mudstone, 2-3% pyrite.		
32.7 33.7	Buff sandstone, 2-3% pyrite.		
33.7 38.5	Green carbonate clasts conglomerate, cherty, 2-3% pyrite.		
38.5 42.0	Pale buff sandstone, sericite, 10-15% green shards, quartz veinlets, 2-3% very fine pyrite.		
42.0 43.2	Green carbonate, 60% quartz.	7631 42.0 43.2	.002
43.2 46.2	Ore zone, buff, 10-12% pyrite, very cherty, quartz blobs throughout.	7632 43.2 46.2	.002
46.2 50.0	Ore zone, green black, 10% pyrite.	7633 46.2 50.0 7634 50.0 54.0 7635 54.0 59.0	.02 .01 .15
59.0 62.0	Ore zone, buff, more quartz veinlets, 10-12% pyrite.	7636 59.0 62.0	.005
62.0 66.5	Ore zone, buff, chalcopryrite, 10% pyrite.	7637 62.0 66.5	.01
66.5 72.5	Pale buff sandstone, mica, 50% round quartz eyes.	7638 66.5 72.5 7639 72.5 76.3	.002 .005
76.3 81.3	Ore zone, intermixed green black, abundant quartz veins, 8-10% pyrite.	7640 76.3 81.3	.05
81.3 86.3	Ore zone, buff, progressively more quartz veins, massive towards footwall, 5-8% pyrite.	7641 81.3 86.3	.005

DIAMOND DRILL LOG

Company: Lenora Exploration Limited
Project: McVittie Township

Project No: 1022

Hole No. L 82-2
Page No. 2

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
86.3 89.8	Intermixed sandstone, 2-3% pyrite	7642	86.3 89.8	.002
89.8 91.0	Green beach conglomerate, 30% stretched clasts, contact at 16° to core axis.			
91.0 104.0	Buff sandstone.			
104.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Hole No. L 82-3	
Location: Lake Claim	Date Started:	Page No. 1
Level: Surface	Date Finished:	Core Size: BQ
Bearing:	Logged by:	Signed: _____
Inclination: -45°	Core Saved or Discarded:	Stored at Kenogami Lake
Total Depth: 185.8 feet	Casing Pulled: X or Left:	Acid Tests:
Location of Collar:	Project: 1022	At:
Drilled by: Prospect Diamond Drilling Limited		At:

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 2.0	Casing			
2.0 6.5	Ultramafic beach conglomerate, 50% stretched clasts, 2-3% fine pyrite.			
6.5 10.0	Buff sandstone.			
10.0 13.2	Green beach conglomerate, stretched ¼" cherty clasts.			
13.2 43.0	Pale buff-green buff sandstone, 2-3% pyrite, few quartz veins.			
43.0 71.0	Green mica shale, massive, 1-2% pyrite, contact at 14° to core axis.	7649	65.5 71.0	.002
71.0 85.0	Ore zone 83.0-85.0, 70% quartz, more pyrite.	7650	71.0 83.0	.01
85.0 91.0	Massive quartz, medium to large round quartz grains visible.	7651	83.0 91.0	.005
91.0 98.5	Fine grained buff sandstone, 1-2% py.			
98.5 109.9	Fine grained sandstone, rusty section from 98.5 to 102.0, some shearing, 1-3% pyrite. 98.5-101.0, highly rusty, some quartz, fault?	5280	105.5 109.9	
109.9 114.0	Intermixed ore zone and sandstone, 5% py.	7652	109.9 114.0	.28
114.0 159.0	Ore zone, buff, 5% pyrite, few quartz veinlets, very cherty. More quartz veinlets 5-8% pyrite. 10% pyrite	7653 7654 7655 7656 7657	114.0 119.0 119.0 124.0 124.0 129.0 129.0 134.0 134.0 139.0	.005 .01 .005 .005 .01
	136.8-137.8, buff fine grained sandstone, 3-5% pyrite, quartz veinlets 5-8% pyrite, buff cherty, more qtz veinlets and veins	7658	139.0 144.0	.03
	Grading to greenish grey black, very cherty, quartz veins	7659	144.0 149.0	.03
	8% pyrite, ½" quartz vein at 32° to c.a.	7660	149.0 154.0	.04
		7661	154.0 159.0	.06
159.0 185.8	Ultramafic conglomerate, stretched dark clasts up to 3". At First mineralized with up to 10% pyrite, siliceous.	7662	159.0 164.0	.04
		7663	164.0 165.7	.01
185.8	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-4
Location: Lake Zone	Date Finished:	Page No. 1
Level: Surface	Logged by:	Core Size: BQ
Bearing:	Core Saved or Discarded: Stored at Kenogami Lake	Signed: _____
Inclination: -45°	Casing Pulled: X or Left:	Acid Tests:
Total Depth: 127.0	Project: 1022	At:
Location of Collar:		At:
Drilled by: Prospect Diamond Drilling Limited		

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 7.0	Casing			
7.0 17.4	Pale green beach shale.			
17.4 21.0	Intermixed buff sandstone, brecciated.			
21.0 24.4	Sandstone, buff, 3-5% pyrite, contact at 32° to c.a.			
24.4 29.3	Intermixed green shale and buff sandstone.			
29.3 34.0	Ore zone, buff, cherty grey, contact at 62° to core axis, 8-10% pyrite. 40.0-48.0, quartz, rusty.	7664	29.3 34.0	.01
34.0 54.0	Ore zone, same as above 10-15% pyrite, traces of Mo, 1' of quartz at 43.0	7665	34.0 39.0	.01
	Quartz, sparse mineralization	7666	39.0 44.0	.01
	Grey, 10% pyrite.	7667	44.0 48.5	.002
	Same as above	7668	48.5 51.1	.05
		7669	51.1 52.7	.08
54.0 59.0	Buff sandstone, fine grained, sericite, 1-2% pyrite. 66.0-69.0 and 58.0-62.0, quartz-rich, brecciated, rusty.			
59.0 68.0	Dark green mudflow, massive, quartz throughout., 1-2% pyrite.			
68.0 80.0	Grey black sandstone, 40% biotite, 1% pyrite. Contains short sections of micro-conglomerate, possibly ultramafic clasts with heavy muscovite.			
80.0 90.1	Intermixed green beach conglomerate. Little pyrite, medium grained.			
90.1 120.0	Syenitized ultramafic conglomerate, pink to pinkish black.			
120.0 127.0	Pale greenish grey sandstone with few clasts, dirty, somewhat syenitized, 1% pyrite, medium grained.			
127.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-5
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by:	Core Size: BQ
Bearing:	Signed: _____	
Inclination: -70°	Core Saved or Discarded: Stored at Kenogami Lake	
Total Depth: 132 feet	Casing Pulled: X or Left:	Acid Tests:
Location of Collar:	Project: 1022	At:
Drilled by: Prospect Diamond Drilling Limited		At:

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 7.0	Casing			
7.0 31.5	Ultramafic conglomerate for first 5.0 feet, then green beach conglomerate with occasional large clasts, 3 to 4", ½" quartz stringers locally.			
31.5 32.5	Fine grained siliceous buff sandstone. 2-3% pyrite, pale green. 6" rusty at 40.5, 1" at 44.0.			
32.5 37.5	Dark green beach conglomerate.			
37.5 39.0	Intermixed green shale and some buff sandstone, less than 1% pyrite.			
39.0 110.0	Ore zone, 50% quartz, 5-8% pyrite, grey cherty to buff.	7670	39.0 43.0	.01
	50% quartz, 5-10% pyrite, cherty buff.	7671	43.0 48.0	.005
	As above	7672	48.0 53.0	.02
	As above	7673	53.0 58.0	.05
	As above	7674	58.0 63.0	.02
	As above	7675	63.0 68.0	.04
	As above	7676	68.0 73.0	.06
	As above	7677	73.0 78.0	.03
	As above	7678	78.0 83.0	.07
	As above	7679	83.0 88.0	.07
	As above	7680	88.0 93.0	.03
	As above	7681	93.0 98.0	.05
	As above, 10% pyrite, some Mo.	7682	98.0 103.0	.12
	As above, 10-15% pyrite, more quartz.	7683	103.0 107.0	.02
	As above, 2-3% pyrite.	7684	107.0 110.0	.005
110.0 114.0	Green beach conglomerate, stretched clast, contact at 20° to core axis, grading into ultramafic conglomerate.			
114.0 132.0	Ultramafic conglomerate.			
132.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-6
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by:	Core Size: BQ
Bearing:	Core Saved or Discarded:	Signed: _____
Inclination: -70°	Casing Pulled: X or Left:	Acid Tests:
Total Depth: 103.0 feet	Project: 1022	At:
Location of Collar:		At:
Drilled by: Prospect Diamond Drilling Ltd.		

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 7.0	Casing			
7.0 13.0	Ultramafic conglomerate, 1-2% pyrite.			
13.0 29.0	Green beach conglomerate.			
29.0 32.0	Buff sandstone, 2-3% pyrite. 8" highly rusty at 32.8. 4" green shale at 32.0.	7685	29.0 32.0	.005
32.0 96.0	Ore zone, cherty to buff, 10% py, Mo	7686	32.0 35.0	.01
	As above	7687	35.0 40.0	.01
	As above, 10-15% py, some Mo, possible visible gold.	7688	40.0 45.0	.02
	As above.	7689	45.0 50.0	.02
	As above	7690	50.0 55.0	.05 .04 .09
	As above	7691	55.0 60.0	.01
	As above	7691	60.0 65.0	.02
	As above	7692	65.0 70.0	.04
	As above	7693	70.0 75.0	.03
	As above	7694	75.0 80.0	.05
	As above, 8-10% pyrite, some Mo, quartz stringers	7695	80.0 85.0	.04
	As above	7696	85.0 90.0	.08 .06
	As above	7697	90.0 93.0	.01
	As above	7698	93.0 96.0	.01
96.0 103.0	Green beach conglomerate, 30% stretched carbonate clasts.			
103.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-7
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by: Glenn Kasner	Core Size: BQ
Bearing:	Signed: _____	
Inclination: -45°	Core Saved or Discarded: Stored at Kenogami Lake	
Total Depth: 83.0 feet	Casing Pulled: (X) or Left: ()	Acid Tests:
Location of Collar:	Project: 1022	At:
Drilled by: Prospect Diamond Drilling Ltd.		At:

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 8.0	Casing.			
8.0 13.0	Buff sandstone for first 6.0 feet, then green shale, no clast apparent.			
13.0 28.0	Buff sandstone, 1% pyrite, syenitized locally and containing short sections of ore zone material.			
28.0 50.2	Ore zone, dirty intermixed with short sections of sandstone, 3.5% pyrite	7700	28.0 33.0	.01
	As above	7701	33.0 38.0	.02
	As above	7702	38.0 43.0	.02
	Cleaner, 10-15% pyrite	7703	43.0 48.0	.04
	As above	7704	48.0 50.2	.05 .06
	At 44.0 and 28.0, 6" highly rusty.			
50.2 58.0	Green beach conglomerate, stretched clasts, 2% pyrite.			
58.0 78.0	Buff sandstone, 1-3% pyrite, more quartz at top of section. 63.5-65.5, 60% quartz breccia, at 65.0 2" rusty. At 73.0, grading into a sandstone with more mafic constituents.			
78.0 83.0	Sandstone with 30% biotite rather than muscovite or chrome mica. Similar to a previous hole. 1-2% pyrite with occasional Mo specks.			
	Section 58.0 to 78.0 in general shows tops towards collar, although not certain. Last 2.0 feet at 78.0, definitely similar to base of sandstone.			
83.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-8
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by: Glenn Kasner	Signed: _____
Bearing:	Core Saved or Discarded: Stored at Kenogami Lake	Core Size: BQ
Inclination: -70°	Casing Pulled: (X) or Left: ()	Acid Tests:
Total Depth: 113.0 feet	Project: 1022	At:
Location of Collar:		At:
Drilled by: Prospect Diamond Drilling Ltd.		

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 4.0	Casing			
4.0 5.0	Dark green beach conglomerate. Boulder?			
5.0 9.5	Dirty ore zone, broken up in places, 3-5% pyrite	5218	4.5 9.4	Nil
9.5 68.5	Ultramafic conglomerate, up to 20% framboidal pyrite in places, 20-30% stretched chert and ultramafic, odd green mica-carbonate clasts, chert well rounded to slightly stretched, ultramafic clasts mostly mud chip configuration or shards.	5219 5220 5221 5222	9.4 11.5 11.5 16.5 30.0 35.0 50.0 55.0	Nil Nil .002 .002
68.5 75.2	Greenish black sandstone, medium to coarse grained, 1-3% pyrite, contact at 25° to core axis.	5223	70.8 74.8	.005
75.2 85.0	Mafic at first grading into a buff fine grained sandstone with intermixed ore zone material. Quartz gash veins and 1-3% pyrite.	5224 5225	75.6 80.0 80.0 85.0	.002 .002
85.0 97.0	Green beach conglomerate. 30% stretched carbonate clasts, last 2', highly rusty.			
97.0 103.0	Ultramafic conglomerate.			
103.0 109.0	Mostly green shale, few clasts at 109.0. Indicates tops up hole?			
109.0 113.0	Beach conglomerate, 1% pyrite.			
113.0	End of hole.			

DIAMOND DRILL LOG

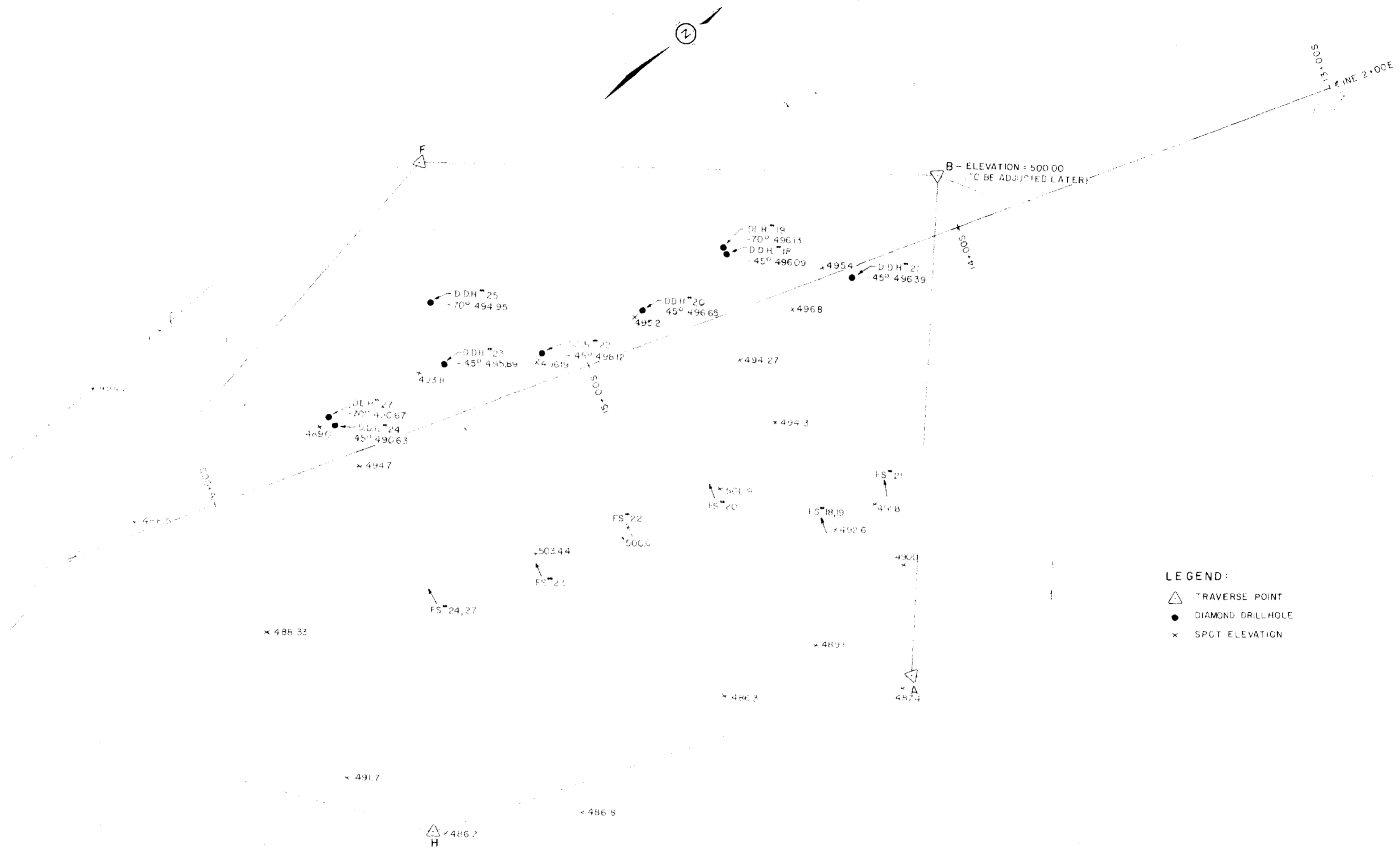
Company: Lenora Exploration Limited	Date Started:	Hole No. L 82-9
Location: Lake Claim	Date Finished:	Page No. 1
Level: Surface	Logged by: Glenn Kasner	Signed: _____
Bearing:	Core Saved or Discarded: Stored at Kenogami Lake	Core Size: BQ
Inclination: -45°	Casing Pulled: (X) or Left: ()	Acid Tests:
Total Depth: 82.0 feet	Project: 1022	At:
Location of Collar:		At:
Drilled by: Prospect Diamond Drilling Ltd.		

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 5.0	Casing			
5.0 19.3	Buff sandstone with intermixed ore zone material, locally 4-6% pyrite, up to 50% quartz.	5226	5.3 10.3	.005
		5227	10.3 15.3	.002
		5228	15.3 19.3	.01
19.3 36.5	Buff fine grained sandstone, 1-3% pyrite, 19.3 to 24.3, 40% quartz.	5229	19.3 24.3	.05
36.5 46.5	Green beach conglomerate, 30% stretched carbonate clasts, 1% pyrite.			
46.5 65.5	Ore zone, grey cherty grey to buff, up to 70% quartz, locally 5-15% pyrite.	5230	46.5 51.5	.005
		5231	51.5 56.5	.06 .07
		5232	56.5 61.5	.03
		5233	61.5 65.5	.005
65.5 67.4	Coarse grained sandstone, 5% pyrite	5234	65.5 67.4	.002
67.4 76.4	Ore zone, grey cherty, up to 70% quartz, 5-15% pyrite.	5235	67.4 72.4	.02
		5236	72.4 76.4	.10 .10 .09
76.4 78.6	Ore zone with minor green beach conglomerate.	5237	76.4 78.6	.01
78.6 82.0	Green beach conglomerate, contact at 46° to core axis, less than 1% pyrite. Rusty at 78.8 and 82.2.			
82.0	End of hole.			

DIAMOND DRILL LOG

Company: Lenora Exploration Limited	Hole No. L 82-10	
Location: Lake Claim	Date Started:	Page No. 1
Level: Surface	Date Finished:	Core Size: BQ
Bearing:	Logged by: Glenn Kasner	Signed: _____
Inclination: -70°	Core Saved or Discarded:	Stored at Kenogami Lake
Total Depth: 153.0 feet	Casing Pulled: (X) or Left: ()	Acid Tests:
Location of Collar:	Project: 1022	At:
Drilled by: Prospect Diamond Drilling Ltd.		At:

Footage From - To	Geological & Physical Description	Sample Number	From - To	Au oz/ton
0.0 5.0	Casing			
5.0 68.2	Ultramafic conglomerate, up to 10-15% nodular pyrite throughout, few stretched clasts throughout.			
68.2 75.0	More or less a mixture of above and green shale, sandstone and ore zone material.			
75.0 78.5	Buff sandstone, fine grained, 1% pyrite, looks like base at 78.5, grading up hole.			
78.5 93.1	Green beach conglomerate containing ultramafic conglomerate from 86.0 to 91.0. Contact at 30° to core axis.			
93.1 98.1	Buff sandstone containing biotite from 97.0 to 98.1, 93.1 to 96.0.			
98.1 112.5	Green conglomerate grading to ultramafic then to green beach conglomerate. Less than 1% pyrite.			
112.5 153.0	Dirty ore zone, grey pink, somewhat syenitized. Very cherty, 5-7% pyrite.	5238	112.5 117.5	.005
		5239	117.5 122.5	.06 .04
		5240	122.5 127.5	.002
		5241	127.5 132.5	.002
		5242	132.5 137.5	.005
		5243	137.5 142.5	.02
		5244	142.5 147.5	.02
		5245	147.5 153.0	.01
153.0	End of hole.			



LEGEND:
 △ TRAVERSE POINT
 ● DIAMOND DRILLHOLE
 x SPOT ELEVATION

DISTANCES:
 E C 147.40
 F C 147.40
 G H 111.00
 H A 125.75
 A B 125.50

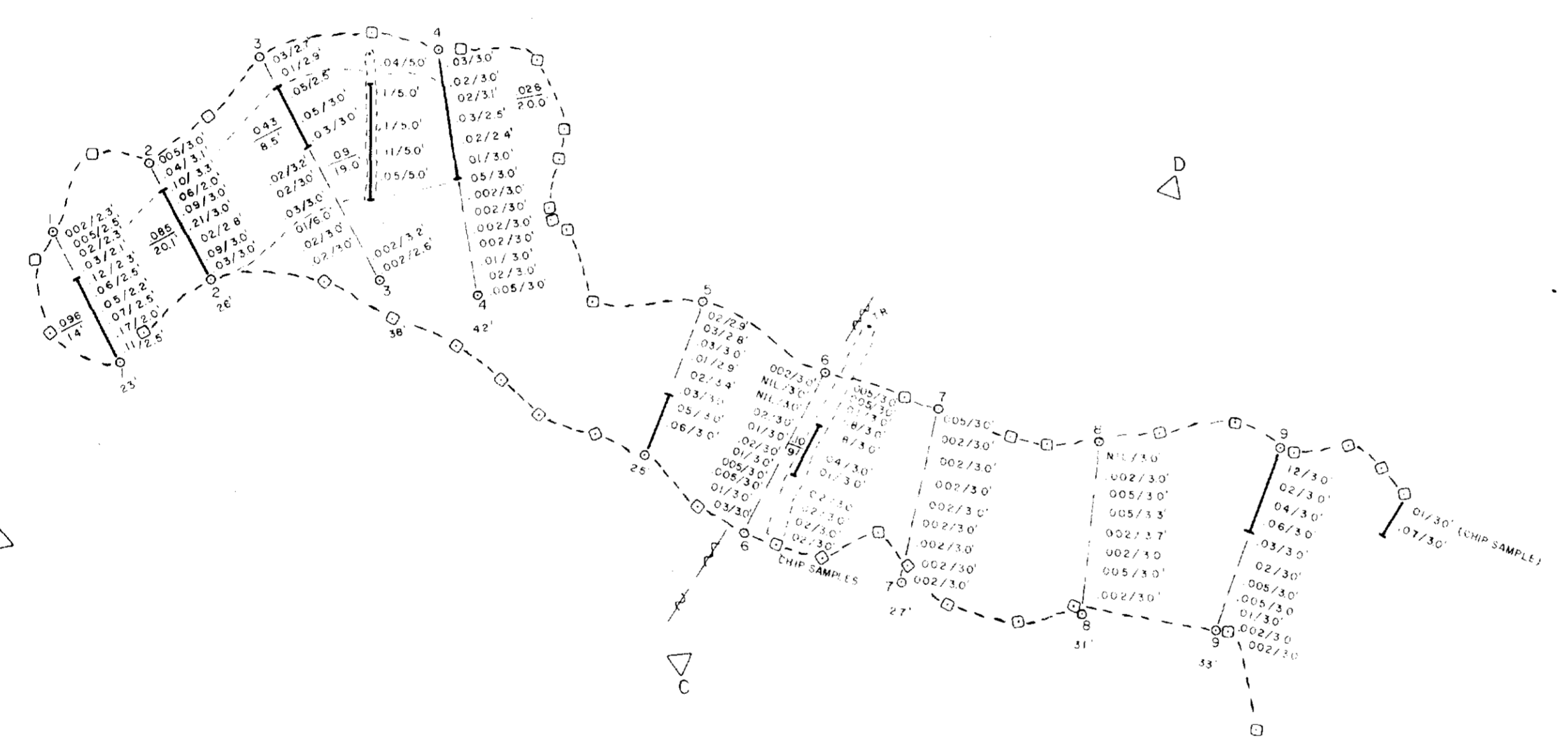
INTERIOR ANGLES:
 B 122° 14'
 C 122° 14'
 D 122° 14'
 E 122° 14'

63.4216

OM 82-6-C-159

REVISIONS			NORTHERN TESTING SERVICES		
NO.	DATE	BY	LENORA SURVEY		
1					
2					
3			DRAWN BY: [Signature]	SCALE: 1" = 20' 0"	MATERIAL
4			CHECKED:	DATE: FEB. 83	DRAWING NO.
5			TRACED	APPROVED	





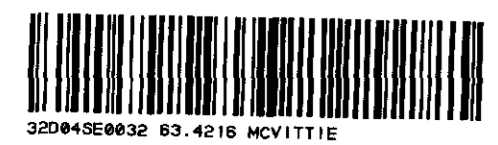
△ E

- LEGEND:
- CHANNEL STAKE
 - ZONE STAKE
 - △ TRAVERSE POINT

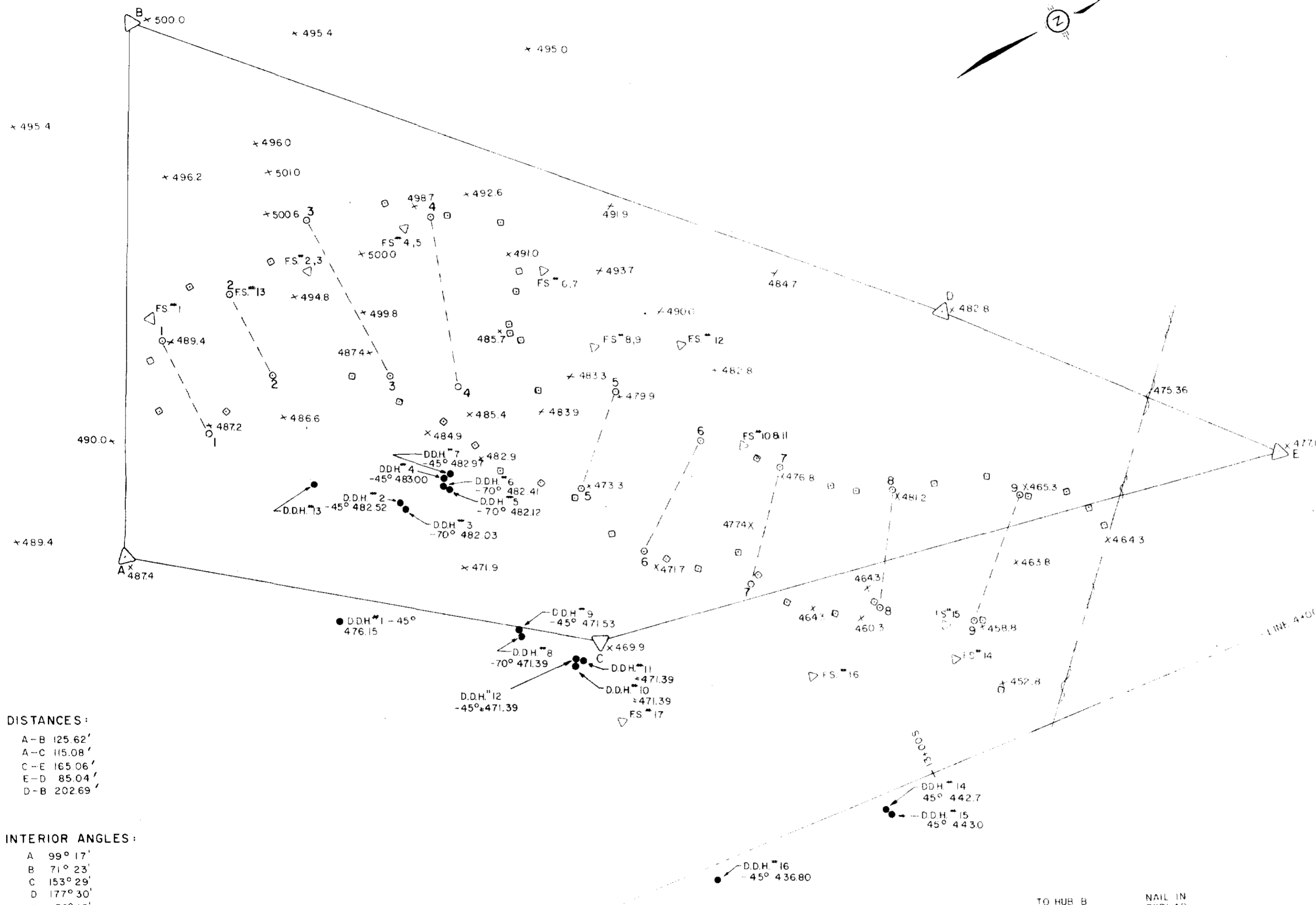
63-4216

OMB2-6-C-159

REVISIONS					
NO	DATE	BY			
1			LENORA SURVEY		
2					
3					
4					
5					
		DRAWN BY	SCALE	MATERIAL	
		CHK'D	DATE	DRAWING NO.	
		TRACED	APP'D		



ELEV. OF B - 500.0
(TO BE ADJUSTED LATER)



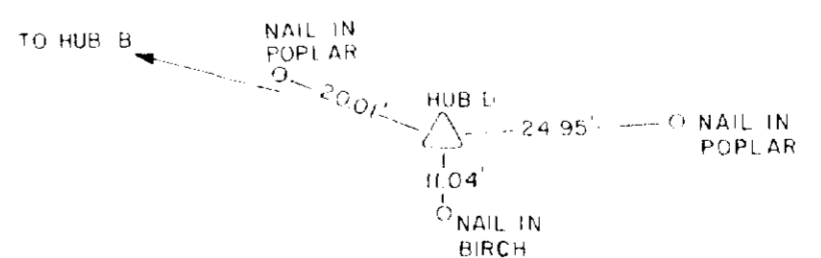
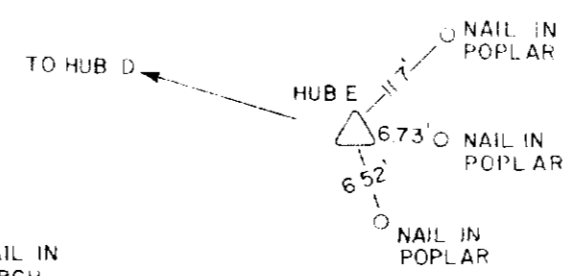
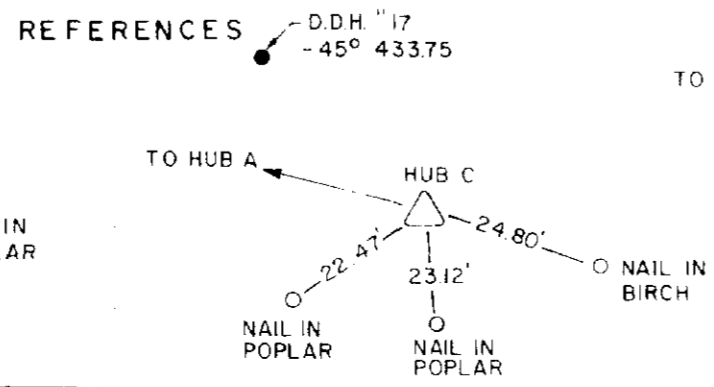
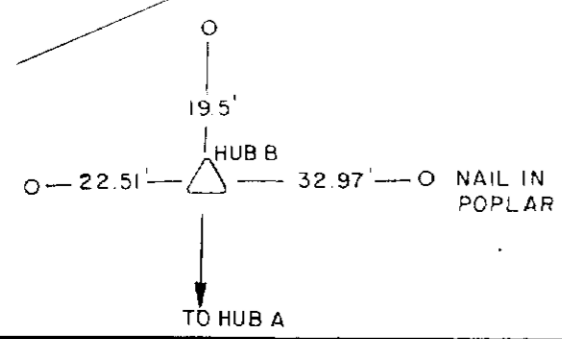
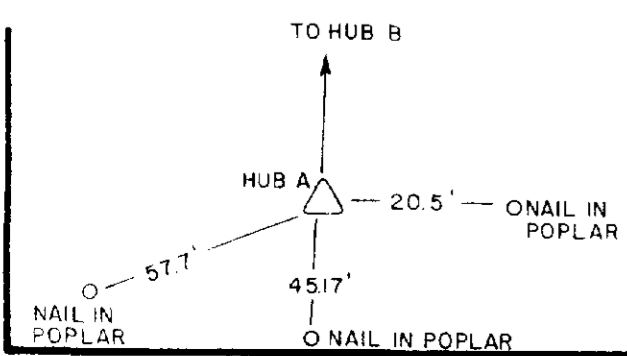
- LEGEND:**
- CHANNEL STAKE
 - ZONE STAKE
 - △ TRAVERSE POINT
 - x SPOT ELEVATION
 - DIAMOND DRILL HOLE
 - △ FORE SIGHT

DISTANCES:
 A-B 125.62'
 A-C 115.08'
 C-E 165.06'
 E-D 85.04'
 D-B 202.69'

INTERIOR ANGLES:
 A 99° 17'
 B 71° 23'
 C 153° 29'
 D 177° 30'
 E 38° 16'



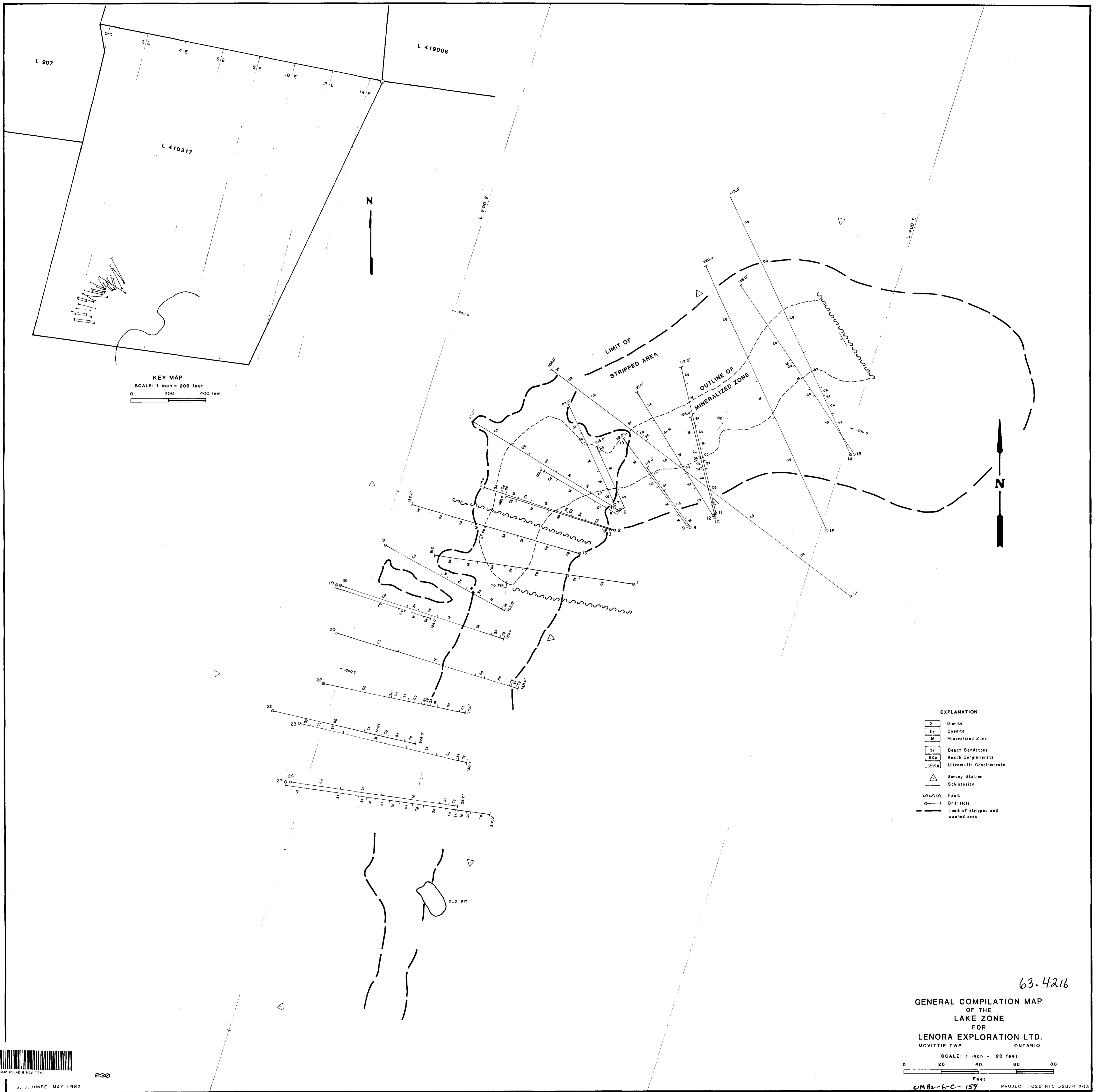
210



63.4216

OM82-6-c-159

REVISIONS			NORTHERN TESTING SERVICES		
NO.	DATE	BY	LENORA SURVEY		
1					
2					
3			DRAWN BY R.B.	SCALE 1" = 200'	MATERIAL
4			CHK'D	DATE NOV 27/82	DRAWING NO.
5			TRACED B.J.J.	APP'D	1 OF 1



3004168932 63-4216 MCVITTIE

230

G. J. HINSE MAY 1983