



41110NE0140 63.4448 SCADDING

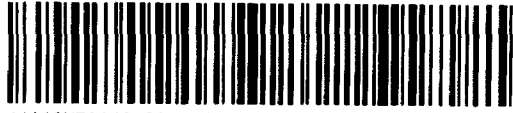
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NEW ARCADIA EXPLORATIONS LTD.
SCADDING TOWNSHIP EXPLORATION
1984

by
Paul C. McLean M.A.Sc.
Consulting Geologist

December 31, 1984.



41110NE0140 63.4448 SCADDING

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TABLE OF CONTENTS

	page
Introduction	2
Location and Means of Access	3
History of the Area	3
History of the Property	4
Diamond Drilling	4
Conclusions	5
Recommendations	6
Costs	6
Maps	7

NEW ARCADIA EXPLORATIONS LTD.
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1984

Introduction:

Pursuant to recommendations made in my report dated January 15th., 1984, diamond drilling was carried out on the Scadding Township Group during the first three months of the year, and also during October and November. A total of 4,719 feet of drilling was completed in 16 holes.

Three holes were drilled on the eastern section of the property to test the magnetic anomaly indicated by last year's work. This structure was found to be caused by mineralized conglomerate beds, with no gold or base metals present.

The remaining 13 holes were drilled in the vicinity of the north-south shear zone which was discovered during the 1983 drilling programme. Two additional significant gold intersections were obtained and the structure has now been traced for a distance of 700 feet along strike. The shear zone remains open to the north and to the south, and also to depth.

While no ore shoots were outlined, the zone appears to become stronger with depth, with widths up to 20 feet true being obtained in

the deeper holes. In addition to the significant gold intersections in three holes, persistent low gold values were present throughout the structure.

A new drilling programme has been recommended in order to explore the structure farther to the south, where the most promising mineralization was encountered.

Location and Means of Access:

The property consists of a group of 26 unpatent contiguous claims, located in the south central part of Scadding Township, Sudbury Mining Division, Ontario. The group, which comprises approximately 1,040 acres, is situated in lots 4,5 and 6 in concession I and in lot 4 concession II.

The property is situated south of and adjacent to the Westfield Minerals property which commenced gold production this summer.

The claims are readily accessible via a good secondary road which bisects the property some 7 miles north of highway 17.

The property consists of the following claims:

<u>Claim Nos.</u>	<u>Recording Date</u>	<u>Apply for Extension before</u>
S-478929	June 6, 1978	June 6, 1985
S-478942-60 inclusive	June 6, 1978	June 6, 1985
S-507602-605 inclusive	April 26, 1979	April 26, 1985
S-507569-70	April 26, 1979	April 26, 1985

Because the assessment work has been completed, the claims may be extended annually for five years beyond 1983 and 1984, before being surveyed and brought to lease.

History of the Area:

Numerous gold showings have been discovered in the area over the past century. Limited gold production was obtained from the crystal Mine which was located some 12 miles north of the property.

Gold production was initiated on the neighbouring Westfield Minerals property during the past Summer. Up to the end of October

18,532 tons of ore averaging .20 oz per ton have been milled.

History of the Property:

The property was staked for Mr. R. Sansone during 1978 and 1979 following the discovery of the northwest zone on the adjacent property by the Watt group. Airborne magnetic, electro-magnetic and radiometric surveys were carried out over the claims, but no significant anomalies were indicated. Geological mapping was carried out over the western 16 claims during 1981. Some soil sampling for gold was also completed during this period, and one anomalous value was obtained in the vicinity of the recent drilling.

The remaining 10 claims were mapped in 1983, and a limited amount of magnetometer surveying was carried out subsequent to the mapping. During 1983, a total of 3,884 feet of diamond drilling was completed in 13 holes. A strong shear zone was discovered and was traced for a distance of 350 feet in a north-south direction. The most southerly hole returned an assay of .18 oz per ton over 1.2 feet within this zone.

Diamond Drilling:

Early in 1984, three holes were drilled to test the magnetic anomaly on the east side of the property. The anomaly was found to be caused by conglomerate beds which were well mineralized with pyrrhotite but which did not carry any gold or base metal values.

The drill was then moved back to the area of the north-south shear zone and two additional holes were drilled. Hole A-17 intersected a quartz vein within the zone which contained visible gold and assayed .37 oz per ton over 1.5 feet.

Drilling was resumed in the area of the shear zone in October and 3,500 feet was completed in 11 additional holes. The shear zone was traced into a gabbro intrusive which was found to be faulted against the Serpent quartzite. The structure was found to have been displaced by faulting at the gabbro contact, and also some 50 feet within the intrusive. Hole A-23 intersected the structure twice due to a repetition by faulting and was inadvertently stopped within the second intersection.

A value of .15 oz per ton over 4.6 feet was obtained within a sheared section of the gabbro in this hole.

With reference to the attached drill hole sections, it will be noted that the shear zone appears to be widening with depth, and that it attains a true width of 20 feet in the deeper holes. The shear zone is chloritized and carbonatized and usually contains from 20% to 50% grey vein quartz. Sparse arsenopyrite mineralization is present in the shear and also in the quartz, and in some cases it appears to be associated with the higher gold values. Low gold values were found^u to be present throughout the shear zone.

The furthest south hole was the most interesting in that the zone was brecciated, and was well mineralized with pyrite and arsenopyrite. Although a few fine specks of visible gold were noted, assays of .02 oz per ton were disappointing. In view of the fact that this hole was collared in Mississagi quartzite, it is thought that the shear zone may be coming out of the gabbro intrusive to the south. In this case, a change in the host rock of the zone may well improve the chances for the localization of ore shoots.

Conclusions:

A strong north-south trending shear zone has now been traced for a distance of 700 feet along strike. Although no ore shoots have yet been indicated, this structure is gold bearing, as indicated by three significant gold intersections, and by the consistent low gold values throughout the zone.

In my opinion, there is an excellent chance that economic concentrations of gold will occur within this structure, particularly to the south of the present drilling, and also at greater depths than have so far been tested.

It should be noted that Westfield Minerals gold mill is located one mile north of the property, and that the company has been seeking custom ore to mill, pending the underground development of their mine.

While the deep overburden encountered in most of the holes has been costly, the bed rock appears to be coming up to the south, and thus the cost of casing holes in this area should be much less.

Recommendations:

It is strongly recommended that a new drilling programme be undertaken in order to test the shear zone farther to the south, and also to depth. Holes should be drilled west at 50 or 100 foot intervals to the south of Hole A-28 (the furthest south hole), and one hole should be drilled in section below hole A-28. A minimum of 3,000 feet of drilling will be required to complete this programme.

Costs:

Based on recent experience, the cost of the recommended drilling programme will be approximately as follows:

3,000 feet of BQ core drilling @ \$16.00 per foot	48,000
Engineering and assaying 25%	12,000
	<hr/>
	60,000
OMEPA grant available 25%	15,000
	<hr/>
Total estimated cost of the recommended programme	\$45,000

Respectfully submitted,



Paul C. McLean M.A., Sc.
Consulting Geologist

APPENDIX

Maps:

A coloured plan of Geology West Sheet showing the location and geology of the drill holes on a scale of 1 inch to 100 feet is included.

A coloured plan of drilling showing the location and geology of the shear zone drill holes, on a scale of 1 inch to 20 feet is included.

A series of 11 drill hole sections showing the drill hole geology and values is also included with this report. These sections are on a scale of 1 inch to 20 feet.

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-14
 LOCATION S-507605
Linel8E
 SECTION _____

LATITUDE _____

STARTED January 17, 1984

DEPARTURE _____

COMPLETED January 20, 1984

BEARING North DEPTH 300.0

DIP -45°

ELEVATION _____

V.D. _____ H.D. _____

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-10.0 Casing		Ag				
10.0-27.5 Gabbro, coarse grained, green, typical Nipissing gabbro.						
27.5-71.4 Greywacke, dark grey with local cherty grey quartzite beds.	.005	.01	0.9	35676	31.5-32.4	Altered silicified section, 50% grey quartz, epidote and chlorite 7% fine pyrrhotite.
33.0-34.8 light grey cherty quartzite bed.	.005					
	.002	.04	1.2	35677	43.0-44.2	Altered greywacke and 6" grey quartz stringer. Top well mineralized with chalco and py over 3". Some narrow white calcite stringers also included
	.002		1.4	35678	47.6-49.0	Altered greywacke, narrow calcite and quartz stringers. Dissem po and some chalco.
49.0-51.7 Quartz vein at 60° to the core. Pinkish white, barren except for some chalco in altered inclusions	Nil		2.7	35679	49.0-51.7	Quartz vein, pinkish white, barren except for chalco in altered inclusions.
60.3 3" gabbro dyke at 45° to the core.						
61.2-62.3 Gabbro dyke, medium coarse grained, 45° to the core.						

Markstay Diamond Drillers

Paul W. Lee

63.4448

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
63.5-66.4 gabbro dyke, top contact irregular lower also.						
67.3-69.4 Gabbro, fine grained dyklet.						
69.4-71.8 Siliceous greywacke.						
71.8-81.4 Gabbro, medium grained, dark green.						
73.5- coarse splash of chalco and po in a carbonate stringer parallel to the core.						
81.4-88.0 Siliceous greywacke with some cherty quartzite beds. Dark grey in colour.		Nil				
88.0-125.0 Diorite, fine grained dark grey with disseminated sulphides. Appears siliceous possibly altered quartzite but appears intrusive Massive and uniform in appearance.	.002	.01	5.0	35680	93.0-98.0	Diorite, fine grained dark grey with 7% dissem. sulphides, mostly po with some pyrite.
125.0-142.6 Grading to grey altered quartzite or siliceous greywacke. Dissem po. Some sections are similar to the previous section.						
142.6-148.9 Pebble conglomerate. Loosely packed pebbles, mostly quartz, also assorted. 7% dissem. po. Most pebbles are sheared and elongated, up to 1" in diameter. Green chloritic maitrex. Shearing 45° to the core.	Nil		3.9	35681	142.6-146.5	Conglomerate, loosely packed quartz and assorted pebbles, chloritic maitrex. 5%-7% po, mostly in the qtz. pebbles.
	Nil		2.4	35682	146.5-148.9	Conglomerate as above, locally some coarse po and a little chalco.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
148.9-154.2 Siliceous conglomeratic greywacke, dark grey with occasional quartz pebbles up to 1/2". Dissem po throughout.						
154.2-165.0 Siliceous greywacke, pebbles absent.						
165.0-240.0 Conglomeratic greywacke, loosely packed contorted pebbles up to 2".	.002 Nil		1.8	35683	171.0-172.8	Conglomerate, mostly quartz pebbles with 7% pyrrhotite.
	Nil		2.5	35684	177.2-179.7	Conglomerate bed, mostly quartz pebbles up to 1/2". 7% pyrite with minor pyrrhotite in seams and disseminated.
	Nil		4.0	35685	188.0-192.0	Pebble conglomerate bed with mostly quartz pebbles. 10% sulphides, py, po.
	Nil		1.7	35686	212.0-213.7	Altered and crushed section, some shearing at 60° to the core. 25% vein quartz with some carb. Sulphides absent.
216.0-216.5 conglomeratic sediment with fair disseminated ZnS.	Nil		3.0	35687	213.7-216.7	Mostly grey vein quartz with some chlorite inclusions. 1 foot chloritic shear included. Rare grains of py.
218.9-240.0 Conglomeratic greywacke, weakly sheared 30° to 60° to the core. Local py, po and some red ZnS.	Nil		1.3	35688	228.4-229.7	Quartz vein, grey quartz with pink calcite and chlorite. Sulphides are absent. (quartz looks like North structure quartz).
240.0-273.0 Greywacke, dark grey, pebbles absent. Local shearing and/or bedding at 60°						
249.5 2" barren quartz stringer.						

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-15
LOCATION Line 18E
S-507605
SECTION _____

LATITUDE _____

STARTED January 25, 1984.

DEPARTURE _____

COMPLETED February 13, 1984

ELEVATION _____

V.D. _____ **H.D.** _____

BEARING 180° **DEPTH** 354.0
DIP -45°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-9.0 Casing.						
9.0-43.3 Gabbro, medium grained, greenish, mostly massive and uniform in appearance.						
41.0-43.0 20% white calcite stringers in altered gabbro. No sulphides.						
43.0-50.0 Quartzite, dark grey, sheared at 60° to the core. 10% grey vein quartz lenses, and stringers. 5% sulphides, mostly py.	Nil		5.1	35689	43.3-48.4	Sheared quartzite, 10% grey vein Qtz. 5% disseminated sulphides, py, some po.
50.0-63.0 Quartzite as above with less shearing and occasional quartz lenses. Locally 1/2" pebbles.						
63.5-71.3 Pebble conglomerate, well sheared with elongated pebbles in chloritic matrix.	Nil		3.0	35690	63.5-66.5	Sheared conglomerate, 5% pyrite in seams and disseminated. A few grains of red ZnS at 65.0. Chloritic matrix
71.3-94.4 Quartzite or siliceous greywacke, dark grey. Well sheared 60° from 83.0.	Nil		3.3	35691	66.5-59.8	Sheared conglomerate 3% pyrite in a chloritic matrix.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
78.0-78.4 Pebble bed						
91.0-94.4 Pebble bed with pyrite 3%. Small elongated pebbles.						
94.4-109.5 Pebbly greywacke, loosely packed pebbles in greywacke matrix, mostly $\frac{1}{4}$ " some up to $\frac{1}{2}$ ". Weakly sheared at 60° to the core.						
109.5-115.6 Quartzite, light grey, relatively pure.						
115.4 2 $\frac{1}{2}$ " gabbro dyke.						
115.6-122.6 Greywacke-argillite, fine grained, grey.	Nil		0.9	35692	119.4-120.3	Quartz vein, includes coarse patches of chlorite. Grey quartz with a few grains of py and chalco.
121.8-122.6 Gabbro dyke with some argillite inclusions, coarse grained.						
122.6-124.6 Grey quartzite.						
124.6-126.0 Medium grained gabbro, chilled contact.						
126.0-127.8 Greywacke with occasional pebbles.						
127.8-134.3 Gabbro, becoming coarse grained. Some quartz stringers up to 2". Some argillite inclusions near lower contact.						
134.3-144.7 Greywacke, fine grained, dark grey.						

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
135.3 2" coarse gabbro dyke.						
144.7-153.8 Conglomerate, assorted pebbles elongated at 70° to the core.	.002 Nil		2.4	35693	144.7-147.1	Conglomerate, well packed elongated pebbles. 10% pyrite in seams and disseminated.
153.8-176.5 Conglomerate, assorted pebbles, granite quartzite, vein quartz in a chloritic maitrex. 7%-10% sulphides, mostly po also some pyrite.	Nil Nil		3.5 3.7	35694 35695	153.8-157.3 157.3-161.0	Conglomerate, chloritic maitrex, 7% sulphides, py and po. Conglomerate, chloritic maitrex, 7% sulphides, mostly po with some py.
	Nil		1.7	35696	161.0-162.7	Conglomerate, well mineralized with coarse po and some associated chalco in blebs. 10% sulphides.
	.002	ag	5.3	35697	162.7-168.0	Conglomerate with 10% po with minor py and chalco.
	Nil	t	5.0	35698	168.0-173.0	Conglomerate, 10% po with minor py and chalco.
176.5-214.0 Greywacke with occasional pebbles. A little disseminated py and po and chalco in local seams.	Nil		3.5	35699	173.0-176.5	Conglomerate, 5% disseminated po.
214.0-237.8 Grading to impure quartzite, light grey with disseminated py common, to typical brownish Mississagi quartzite.						
219.0-220.6 Quartz vein, light grey, barren.						
223.3 1/8" seam of py, irregular and parallel to the core.						

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-16

LOCATION Line 20E 33S

SECTION _____

LATITUDE _____

STARTED February 14, 1984

DEPARTURE _____

COMPLETED February 15, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING _____ DEPTH 95.0

DIP -90°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-5.0 Casing						
5.0-6.2 Gabbro.						
6.2-75.0 Sediments, some conglomerate beds with white quartz pebbles over narrow widths Some greywacke and some quartzite beds. Appears to be brecciated with fragments of coarse gabbro included. This gabbro breccia similar to that in hole A-10 and on outcrops in that area.						
11.6 1/4" seam of po with minor chalco parallel to the core.						
16.9-18.5 Coarse grained gabbro fragment.						
25.9-27.8 Medium grained gabbro fragment.						
29.6-31.8 " " " " " "						
32.0-33.0 Bedded section, 10° to the core.						
33.0-56.0 Quartzite, light grey, fine dissem po.						

Markstay Drillers

Carl M. Jew

PROPERTY New Arcadia Explorations Limited

D.D.H. No. A-17

LOCATION 50 Feet South of A-13

SECTION _____

LATITUDE _____

STARTED February 20, 1984

DEPARTURE _____

COMPLETED February 23, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING 90° DEPTH 200.0

DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-75.0 Casing, gravel with a few boulders.		Ag				
75.0-200.0 Serpent quartzite, mostly dark to light grey with some pinkish beds. Bedding at 10° to 20° to the core. Weakly sheared through, parallel to the bedding.						
90.3-95.0 Chloritic section, 10% chlorite in fine seams and as a replacement. Local pyrite	Nil	Nil	1.3	35700	96.0-97.3	Chloritized section, 10% chlorite with quartz-chlorite stringers mineralized with pyrite and soft submetallic mineral. Some grains of aspy.
98.7 Chlorite seams over 3", grain of aspy with the chlorite.	.002		1.1	56001	111.9-113.0	Sheared section 30° to the core with some grey vein quartz. Grain of aspy in the quartz.
113.9 Fine dissem aspy in altered quartzite.						
116.0-122.2 Quartzite, pink, relatively unaltered.						
122.1-123.2 Wall of vein, 50% white vein quartz in red quartzite.	Nil		1.1	56002	122.1-122.2	Wall of vein, 50% white quartz in red quartzite, also a little pink calcite with the quartz. Local py with qtz.

Karl M. Jensen

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-18

LOCATION 50 feet S of A-17

SECTION _____

LATITUDE _____

STARTED March 13, 1984

BEARING East DEPTH 270.0

DEPARTURE _____

COMPLETED March 28, 1984

DIP -60°

ELEVATION _____

V.D. _____ H.D. _____

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-113.0 Casing, gravel and boulders.	Au	Ag				
113.0-125.3 Serpent quartzite, reddish, highly altered and oxidized and bleached. Badly broken core. This section a fault zone, narrow sheared sections at 60° to the core.						
125.0 4" of fault gouge						
125.3-270.0 Gabbro, medium grained green, oxidized for the first few feet						
133.7-136.4 Vein material, mostly cream coloured to orange calcite with some grey vein quartz. Sulphides absent 30° to the core.	.002	Nil	2.7	56007	133.7-136.4	Vein material, grey quartz, mostly cream coloured calcite. Some chlorite and an inclusion of gabbro. Sulphides absent. Lower contact at 30° to core.
173.0-190.0 Gabbro is mineralized with fine sulphides associated with minute quartz stringers. Chalco, Py Po, Red ZnS and PbS present.	Nil	Nil	1.8	56008	171.2-173.0	Quartz with some carbonate stringers almost parallel to the core. Fine Py, Chalco, Red ZnS.
	.002	Nil	1.8	56009	176.8-178.6	Gabbro, cut by numerous 1/8" quartz stringers mostly at 70° to the core some at 30°. Mineralized with Chalco Po Py ZnS and some PbS.

Markstay Drillers

Paul M. Je

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
Cu Ni .09 .03	Au .002	Ag .01	2.3	56010	181.2-184.5	Gabbro, mineralized with chalco and Po and Py, associated with narrow quartz stringers. 7% - 10% sulphides. in coarse blebs and patches.
check	.002 .005	.02	2.0	56011	184.5-186.5	Gabbro, includes several quartz stringers up to ½" at 45° and 20° to the core. Streiners are well mineralized with Po Py Chalco and specks of PbS and ZnS.
190.0-270.0 Gabbro with sparse py Po and Chalco and rare ZnS. Frequent quartz str. usually at 20° to the core.						
215.6-218.0 Hematized section associated with narrow calcite stringers with specks of Chalco, PbS and ZnS, parallel to the core.						
	Nil	Nil	2.4	56012	223.4-225.8	Quartz stringer section, several stringers up to 1" at 20° to the core plus quartz blebs and irregular stringers. A little Po Chalco and a speck of ZnS.
228.0-230.3 Several quartz stringers with Py ZnS and a little PbS.						
239.0-239.7 White quartz stringers at 45° to the core. Sulphides rare.						
248.0 Several quartz stringers at 20° to the core with Py Po Chalco and ZnS.	.002		0.7	56013	265.0-265.7	Quartz stringers 20° to the core with good ZnS in narrow seams and dissem. in the quartz.
270.0 End of Hole.						

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-19
 LOCATION _____
50 feet S and 25 feet W of
 SECTION A-18

LATITUDE _____ STARTED October 19, 1984
 DEPARTURE _____ COMPLETED October 20, 1984
 ELEVATION _____ V.D. _____ H.D. _____

BEARING East DEPTH 250.0
 DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-75.0 Casing, mostly sand and gravel						
75.0-103.9 Gabbro, coarse grained, massive and uniform in appearance. Fine disseminated po and Chalco.						
79.0-81.0 Rusty seams, fault zone.						
99.2-100.1 Sheared section 30° to the core, some grey vein quartz.	Nil		0.9	56027	99.2-100.1	Shear zone 30° to the core, mostly grey vein quartz, some fine pyrite.
103.9-113.4 Shear zone, 20° to the core to 45° locally good grey vein quartz with chloritic shear Local chalco, sometimes coarse.	.002		2.1	56028	103.9-106.0	Chloritized shear zone, contact at 30 to the core. 40% grey vein quartz, a little fine Chalco and a speck of arsenopyrite.
	.005		2.0	56029	106.0-108.0	Chloritized shear zone, 60% grey quartz with carbonate. A little fine Py and chalco.
	.005					
	.005		2.4	56030	108.0-110.4	Shear zone, 20% carbonate with fair vein quartz, chloritized. Fine Py and chalco and a few grains of aspy.
	.002		3.0	56031	110.4-113.4	Chloritized shear zone, vuggy. 25% vein quartz and brown carb. Locally good chalco in qtz and shear planes.

Paul M. Lee

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
113.4-162.0 Gabbro, mostly coarse grained with a few fine grained sections.	Au	Ag				
113.4-115.3 Gabbro, altered and weakly sheared	.002		1.9	56032	113.4-115.3	Gabbro, somewhat sheared, several $\frac{1}{4}$ " quartz stringers with fine sulphides also dissem. Chalco in gabbro.
120.4 narrow sheared section almost parallel to the core.	.002		1.0	56033	115.3-116.3	40% quartz stringers with some coarse patches of Chalco.
122.0-125.1 Quartzite inclusion, brick red.						
125.1-130.4 Blocky oxidized core.						
130.4-134.0 Salmon red quartzite inclusion						
134.0-136.1 Sheared section 45° to the core, some vein quartz with fair chalcopyrite.	Nil		2.5	56034	134.0-136.5	Shear zone, 10% vein quartz with chalc -opyrite and local PbS and ZnS.
152.8-154.3 Quartz stringer, 1" at 20° to the core	.005 .002	Nil	1.5	56035	152.8-154.3	Quartz stringers at 20° to the core. Specl of V.G. in white quartz at 153.2. Minor chalco.
	.002		3.4	56036	154.3-157.7	Gabbro, becoming sheared at 155.5 with quartz and quartz carb stringers at 30° to the core. Silicified with local very fine patches of Chalco.
	.005	Nil	1.0	56037	157.7-158.7	Sheared and silicified zone with 60% quartz stringers at 30° to the core. some fine chalco.

PROPERTY New Arcadia Explorations Limited

D.D.H. No. A-20
 LOCATION 50 feet W of A-17
 SECTION _____

LATITUDE _____

STARTED October 22, 1984

BEARING East DEPTH 300.0

DEPARTURE _____

COMPLETED October 23, 1984

DIP -60°

ELEVATION _____

V.D. _____ H.D. _____

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-49.0 Casing						
49.0-237.3 Serpent quartzite, dark grey to pinkish grey to salmon red. Local weakly Bx sections with chlorite seams. Disseminated pyrite common throughout. Suggestion of bedding at 45° to the core.						
117.6 ½" quartz stringer with coarse Po.						
131.3 ¼" quartz stringer at 60° to the core with some coarse pyrite.						
162.5 2" white quartz stringer with some coarse pyrite.	Nil		0.6	56042	171.4-172.0	White quartz vein with some blebs of pyrite.
212.0-237.3 Quartzite becoming very broken and blocky.						
237.3-238.2 Fault gouge.						
238.2-300.0 Gabbro, coarse grained, altered with pink calcite stringers to 240.7, then becoming fresh	.002 .002	Nil	1.3	56043	238.7-240.0	Pink calcite stringers and quartz stringers in altered gabbro.

Paul M. L.

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-21
 LOCATION 50 feet S of A-19
 SECTION _____

LATITUDE _____ STARTED October 24, 1984
 DEPARTURE _____ COMPLETED October 30, 1984
 ELEVATION _____ V.D. _____ H.D. _____

BEARING East DEPTH 250.0
 DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-91.0 Casing gravel and many boulders.						
91.0-94.3 Sheared section, irregular quartz and carbonate stringers throughout. Shearing at 30° to the core.	Nil		3.3	56045	91.0-94.3	Shear zone 30° to the core, 30% white carb and grey quartz. Rare speck of very fine sulphides.
94.3-250.0 Gabbro, medium coarse grained with local disseminated Po and Chalco.						
98.4 1½" quartz stringer at 60° to the core, no sulphides.						
102.5-104.5 Shear zone strongly sheared at 30° to the core.	.002 .002		2.0	56046	102.5-104.5	Shear zone, chloritized with grey quartz and white carb. Minor very fine sulphides.
104.5-106.6 Altered gabbro with fairly frequent white carb stringers usually at 30° to the core. Some fine sulphides.	Nil		2.1	56047	104.5-106.6	
110.0-112.7 Quartzite inclusion partly digested, salmon pink.						
114.0-115.4 Quartzite inclusion, top contact at 10° to the core.						

Paul M. Lee

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
119.2-123.4 Shear zone, 45° to the core. 20% white carbonate in irregular stringers and patches. A little grey quartz also.	.002	Nil	4.2	56048	119.2-123.4	Shear zone, mostly 45° to the core. 20% white carb in irregular stringers. Considerable fine Chalco on shear planes.
124.0 1" quartz stringer at 45°, minor sulphides.	Nil		1.2	56049	129.8-131.0	Shear zone 45° to the core. Frequent carb stringers and some grey quartz. A little chalcopyrite.
135.0-138.0 Frequent narrow quartz stringers in gabbro with Po and some Chalco. Mostly 60° to the core.						
141.2-151.4 Sheared and altered zone, silicified with irregular carb stringers and fairly frequent quartz stringers usually at 30° to the core. Fine chalco throughout.	.002		3.4	56050	141.2-144.6	Sheared and altered zone with irregular carb stringers and several grey quartz stringers up to 1" with a little sulphide. Some Chalco on the shear planes.
	.002		3.0	56051	144.6-147.6	Silicified shear zone with frequent carb stringers and some grey quartz with chalco. Fine chalco on shear planes throughout.
	.002		3.8	56052	147.6-151.4	Sheared and silicified zone, carb. stringers and some vein quartz. Fine chalco present.
158.0-159.3 Altered, sheared section with carb. stringers and some grey quartz.						
185.1 2" quartz stringer at 45° to the core with fair pyrite.						
207.1-207.5 quartz stringer at 45° to the core with coarse Po, Chalco and a little red ZnS.						

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-22

LOCATION 200 feet E of A-19

SECTION _____

LATITUDE _____

STARTED November 1, 1984

DEPARTURE _____

COMPLETED November 2, 1984

BEARING West DEPTH 400.0

ELEVATION _____

V.D. _____ H.D. _____

DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-84.0 Casing, sand and gravel	Au	Ag				
84.0-400.0 Gabbro, coarse grained massive and uniform with occasional narrow quartz stringers.						
94.5 $\frac{1}{2}$ " quartz stringer with coarse chalco and Po at 45° to the core.	.005		1.2	56054	136.3-137.5	Several quartz stringers up to 2" at 30° to the core. Coarse po, chalco and some pyrite.
139.7-140.3 Quartz stringers up to 2" at 60° to the core, minor po and chalco.	.005					
	.002	Nil	1.0	56059	148.0-149.0	Quartz carb stringers in gabbro at 45° to the core. Fine aspy.
	Nil	Nil	1.7	56060	149.0-150.7	Gabbro with occasional quartz str. speck of V.G at 148.9. some aspy.
	Nil	Nil	3.8	56061	150.7-154.5	Gabbro with some dissem aspy.
154.5-157.4 Irregular calcite stringers in altered gabbro, almost parallel to the core.	Nil	nil	2.9	56055	154.5-157.4	Calcite stringer zone nearly parallel to the core Specks of silvery mineral throughout (aspy)
	Nil		1.2	56056	157.4-158.6	Gabbro, mostly unaltered with minor calcite stringers. A few small grains of arsenopyrite.

Paul M. Jan

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ	VALUE	FEET	NUMBER		
	.002	Nil	3.9	56057	158.6-162.7	Gabbro, brecciated with patches of pink calcite in matrix. Fine grains of aspy throughout, mostly in gabbro some in calcite, local chalcopryrite.
	.002		0.8	56058	162.7-163.5	Gabbro, a few narrow calcite threads a little dissem aspy.
	Nil	Nil	4.5	56062	188.0-192.5	Altered gabbro, 20% white calcite in irregular patches. A few small aspy grains.
200.4-203.7 Altered section with calcite stringers and blebs also some vein qtz .	Nil	Nil	3.3	56063	200.4-203.7	Altered section with white calcite and some quartz stringers. A little disseminated chalco and specks of aspy.
	.002	Nil	0.8	56064	206.9-207.7	Sheared section 45° to the core with 2" quartz stringers, chalco and some aspy.
	Nil	Nil	0.7	56065	223.3-224.1	Altered gabbro, includes a 3" quartz stringer at 45° to the core with grains of aspy.
	.002 .002	Nil	2.6	56066	227.4-230.0	Gabbro, relatively unaltered, specks of Aspy, minor chalco and po.
230.0-237.5 Gabbro becoming altered, frequent white calcite stringers.	Nil	Nil	4.0	56067	230.0-234.0	Altered carbonate rich section with white calcite stringers. Fine po and chalco, specks of aspy.
	.002	Nil	3.5	56068	234.0-237.5	Altered carbonated zone with white calcite stringers. Fine chalco and specks of aspy
237.5-241.7 Possible altered quartzite inclusion Some grey vein quartz and calcite	.002	Nil	1.8	56069	237.5-239.3	Altered quartzite inclusion, coarse grains of Aspy.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
	.005	Nil	2.4	56070	239.3-241.7	Altered quartzite inclusion, brick red, some vein quartz, minor chalco.
241.7-243.0 Gabbro, relatively unaltered						
243.0-244.2 Altered quartzite inclusion, brick red with some vein quartz, sulphides rare.						
244.2-251.9 Gabbro, mostly unaltered but some white carbonate stringers locally. Weakly sheared at 45° to the core.	.002	Nil	1.0	56071	250.9-251.9	Gabbro, contains slip at 45° to the core with aspy.
251.9-258.7 Becoming altered, fine grained with frequent carbonate stringers and some grey quartz stringers somewhat sheared at 45° to the core.	Nil	Nil	3.0	56072	253.8-256.3	Alterered carbonated zone with some fresh gabbro included. 3" grey quartz stringer, minor chalco.
	.002	Nil	2.4	56073	256.3-258.7	Altered carbonate zone, carb stringers at 30° to the core. Dissem chalco and a grain of aspy.
258.7-281.2 Shear zone, shearing about 45° to the core 70% grey vein quartz.	.002	Nil	2.0	56074	258.7-260.7	Shear zone, 60% grey quartz, not mineralized except for a few grains of galena.
	.002	Nil	2.3	56075	260.7-263.0	Shear zone, 50% grey vein quartz with some pink calcite stringers included. Local chalco with calcite stringers.
	.02 .01	Nil	3.0	56076	263.0-266.0	Quartz vein, grey with occasional pink calcite stringers. A few grains of galena and a speck of aspy.
	.002	Nil	3.0	56077	266.0-269.0	50% vein quartz in shear, some pink calcite stringers. Rare grain of aspy.
	.002	trace	3.0	56078	269.0-272.0	75% vein quartz in shear, some pink calcite with the quartz.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
	Nil	Nil	3.0	56079	272.0-275.0	50% vein quartz in shear with some pink calcite. The odd small grain of aspy throughout.
	.002	Nil	3.0	56080	275.0-278.0	40% grey vein quartz in shear, becoming more carbonatized. Fairly frequent fine grains of Aspy and a few grains of PbS in the quartz.
	.02 .01	Nil	3.2	56081	278.0-281.2	90% grey vein quartz, some coarse chalco in last half of the sample. Also a few grains of aspy in quartz.
281.2-291.4 Shear zone highly carbonatized with occasional grey quartz lenses.	Nil	Nil	1.0	56082	281.2-282.2	Shear zone, carbonatized with narrow quartz stringers with some chalco. Some fine aspy.
	.002	Nil	1.8	56083	282.2-284.0	Shear zone, carbonatized with frequent white calcote stringers. Good arsenopyrite in lath like Xtals.
	Nil	Nil	1.3	56084	284.0-285.3	Carbonatized shear zone with frequent white calcite stringers, minor fine chalco and aspy.
	Nil	Nil	3.0	56085	285.3-288.3	Carbonatized shear zone, some vein quartz mineralized with chalco. Coarse and fine grains of aspy in carbonate.
	Nil	Nil	3.1	56086	288.3-291.4	Shear zone, weakly sheared with less carbonate than previous. Very fine aspy.
291.4-297.5 Gabbro, fresh in appearance with the odd very narrow calcite stringer. Disseminated sulphides.		Nil	4.6	56087	291.4-296.0	Gabbro, some chalco and po and aspy .
297.5-300.6 Altered and somewhat sheared section	Nil	Nil	2.1	56088	297.5-300.6	Altered and somewhat sheared with pink calcite stringers. Specks Aspy.

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-23

LOCATION 100 feet S and 50 feet W
of A-22.

SECTION _____

LATITUDE _____

STARTED November 2, 1984

DEPARTURE _____

COMPLETED November 3, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING West DEPTH 250.0

DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-63.0 Casing, sand and gravel	Au	Ag				
63.0-195.7 Gabbro, medium coarse grained, mostly massive and uniform in appearance. Occasional quartz stringers usually at 30° to the core.						
105.8 8" quartz carbonate stringer at 45° to the core.						
126.7 5" grey quartz stringer with some chalco, 60° to the core.	Nil	Nil	0.8	56092	126.6-127.4	Quartz stringer and some altered carbonate wall rock. A little chalco and pyrrhotite.
128.7-136.3 Altered carbonatized gabbro with fine white calcite threads, weakly sheared at 45° to the core.	Nil	Nil	4.0	56093	128.7-132.7	Altered carbonatized gabbro with fine carbonate threads. Some pyrite and chalco and a few specks of Aspy throughout.
136.3-138.3 Gabbro, fresh with a little dissem. Po and chalco.	Nil	nil	3.6	56094	132.7-136.3	Altered carbonatized section, sparse Py, Po and a speck of aspy.
	Nil	Nil	3.3	56095	138.3-141.6	Altered carbonated zone as above, a few specks of Aspy, Py and chalco.

Paul M. Lee

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
	Nil	Nil	3.2	56096	155.7-158.9	Sheared and altered carbonatized section, 45° to the core. Fine pyrite and specks of aspy.
163.5-166.0						
Sheared and carbonatized section, sulphides absent.						
178.8 2" quartzite inclusion.						
195.7-214.4	.002	Nil	1.3	56097	195.7-197.0	Shear zone, 60° to the core some grey quartz and narrow calcite stringers.
Shearzone, shearing mostly at 60° to the core. 25% vein quartz with carbonate and carbonatized sections.	.002					
	Nil	Nil	1.0	56098	197.0-198.0	Shear zone, includes 2" white calcite stringer with soft silvery mineral.
	Nil	Nil	3.8	56099	198.0-201.8	Shear zone, highly carbonatized, minor vein quartz. Rare sulphides a few specks of aspy.
	Nil	Nil	2.4	56100	201.8-204.2	Shear zone, 80% grey quartz with some pink calcite. A few fine specks of aspy, mostly on shear planes, rare in the quartz.
	Nil	Nil	3.2	56143	204.2-207.0	Carbonatized shear zone, vein quartz absent, calcite threads and stringers.
	Nil	Nil	1.9	56144	207.8-209.7	Shear zone, 30% grey quartz, a few grains of aspy in shear, also chalco and Po.
	.002	Nil	2.2	56145	209.7-211.9	Shear zone, carbonatized, includes a ½" quartz stringer with chalco and aspy.
	Nil	Nil	2.5	56146	211.9-214.4	Shear zone, highly carbonatized with carbonate stringers and threads and also some narrow quartz stringers. Sparse sulphides. A few specks aspy.

PROPERTY New Arcadia Explorations Limited

D.D.H. No. A-24

LOCATION 50 feet S of A-22

SECTION _____

LATITUDE _____

STARTED November 4, 1984

DEPARTURE _____

COMPLETED November 6, 1984

BEARING West DEPTH 330.0

DIP -60°

ELEVATION _____

V.D. _____ H.D. _____

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-84.0 Casing, sand, gravel and boulders.						
84.0-243.3 Gabbro, medium coarse grained, greenish. Locally sheared and altered sections. Disseminated Po and chalco locally. Occasional quartz carbonare stringers.						
86.4-88.0 Sheared section 45° to the core, some vein quartz with a little py and po.	Nil		3.5	56177	92.0-95.5	Sheared and altered section, silicified, carbonate and quartz carbonate stringers. Sulphides absent.
105.7-107.0 Quartz carbonate stringer 10° to the core, sulphides absent.						
148.5 Quartz stringer 30° to the core over 5". Py, Po, some chalco and a little red ZnS.						
166.2 Narrow quartz stringer with red ZnS.						
218.8-222.4 Altered, carbonatized and weakly sheared at 45° to the core. Minor sulphides.						

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
218.9-219.5 Altered talcose section, some vein quartz Sulphides absent.						
243.3-268.7 Shear zone, well sheared from 60° to 45° to the core. A little vein quartz throughout but less than in holes A-22 A-25 and A-27.	Nil		2.0	56178	243.3-245.3	Shear zone, carbonatezed, a little vein quartz and carb stringers. Fine sulphides.
	Nil		1.7	56179	245.3-248.0	Shear zone, 30% quartz carbonate with some fine chalco and galena in quartz.
	.002		2.1	56180	248.0-250.1	Shear zone, weakly sheared, carbonat- ized and silicified, minor vein quartz, sulphides rare.
	.002					
	Nil		2.2	56181	250.1-252.3	Shear zone, highly sheared, fine dissem. ZnS in shear. Several quartz stringers are mineralized with chalco and one with good aspy.
	.002		4.8	56182	252.3-257.1	Shear zone, highly sheared and carbon- atized, Minor vein quartz, rare fine pyrite and chalco.
257.1-260.6 Weakly sheared and much less altered section.	.002		4.2	56183	260.6-264.8	Highly altered carbonatized section a few fine sulphides, white carb. stringers.
	.002		3.9	56184	264.8-268.7	Highly altered section, Dissem. chalco and Po. A little grey vein quartz present.
268.7-330.0 Gabbro, medium grained, green with Disseminated Po and Chalco locally.						
270.7-271.0 Sheared section at 45° to the core.						
301.0 1" quartz stringer at 45° to the core, good chalco and ZnS.						
330.0 End of hole.						

D.D.H. No. A-25LOCATION 50 feet North of A-22

SECTION _____

PROPERTY New Arcadia Explorations Ltd.

LATITUDE _____

STARTED November 6, 1984

DEPARTURE _____

COMPLETED November 8, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING West DEPTH 350.0DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-101.0 Casing, sand, gravel and boulders.	Au	Ag				
101.0-176.9 Gabbro, medium coarse grained, greenish massive with the occasional quartz and carbonate stringer.						
103.0-105.2 Quartz and carbonate stringers mostly parallel to the core, some at 60°	Nil	Nil	2.3	56147	103.0-105.3	Gabbro with quartz carb. stringers which are well mineralized with Py and chalco.
105.2-151.5 Gabbro is cut by frequent irregular pink carbonate stringers which are associated with rusty brown oxidation. Stringers are well mineralized with chalco and py.						
121.1-121.9 1/4" pink calcite stringer with Py, chalco and some aspy.						
158.6 Narrow sheared section; 45° to the core.						
174.9-176.9 Weakly sheared and carbonatized, minor sulphides.						

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
176.9-190.2	Au	Ag				
Altered, highly carbonatized zone, Shearing 20° to the core. Frequent white carb. stringers and threads, also some grey quartz stringers.	Nil	Nil	5.0	56148	176.9-181.9	Altered section somewhat sheared at 20° to the core. 20% white carb. stringers and quartz carb. stringers. Minor chalco throughout a little py and a speck of aspy.
	Nil	Nil	5.0	56149	181.9-186.9	Altered section, weakly sheared with frequent white carbonate stringers Chalco on shear planes.
	.005 .01	.01	3.3	56150	186.9-190.2	Altered section, 20% white carbonate with more frequent grey quartz stringers in this section. Considerable fine galena in quartz at 189.8. Fine chalco on shear planes.
199.6-216.6	Nil	Nil	5.0	56151	199.6-204.6	Altered section, 20% white carbonate stringers and patches, minor quartz Sparse chalco and pyrite.
Altered and sheared section, frequent carbonate stringers. Shearing varies from 10° to 30° to the core. Rare sulphide	Nil	Nil	5.0	56152	204.6-209.6	Altered and sheared section, includes one foot of unaltered gabbro. Strongly sheared at 25° to the core. Sulphides rare.
	Nil	Nil	3.2	56153	209.6-212.8	Altered shear zone, shearing 10° to 20° to the core. Increased white Carb. stringers, local grey quartz. A little chalco in quartz, otherwise barren.
	Nil	Nil	3.8	56154	212.8-216.6	Altered shear zone, 10° to 20° to the core, frequent carb stringers alomst parallel to the core. Rare sulphides. A little grey vein quartz.
216.6-243.0						
Gabbro, medium grained, fresh and uniform with the odd carb. stringer.						

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
243.0-252.3	Au	Ag				
Shear zone, mostly 45° to the core, includes short sections of unshaped gabbro.	Nil	Nil	1.0	56155	243.0-244.0	Shear zone, 50% grey vein quartz. Pale yellow mineral noted in shear and coated on quartz (possibly brass off the shell?)
	Nil	Nil	2.3	56156	244.0-246.3	Shear zone, includes 1 foot of unshaped gabbro. Some fine py along the shear planes. Minor carbonate.
	.002	Nil	4.1	56157	246.3-250.4	Shear zone, 45° to the core, 25% grey vein quartz in stringers and blebs. Some chalco in the quartz.
	Nil	Nil	1.9	56158	250.4-252.3	Shear zone, weakly sheared, includes a 6" quartz carb vein with a little aspy.
252.3-256.0						
Gabbro, somewhat carbonatized.						
256.0-260.6	.12	.01	4.6	56159	256.0-260.6	Shear zone, strongly sheared at 60° to the core. Coarse leaf of reddish mineral (possibly native Cu?) on shear plane at 260.5 feet.
Shear zone, 60° to the core. Carbonate stringers and some grey quartz.	.11					
	.15					
Co Pb						
.006 .01	.002	.02	2.4	56160	260.6-263.0	Highly altered gabbro well mineralized with Po and chalco and Aspy.
	.002	.01	2.6	56161	263.0-265.6	Gabbro, relatively unaltered but mineralized with patches of Po and chalco which include frequent grains of aspy.
	Nil	.01	2.4	56162	265.5-268.0	Gabbro, relatively unaltered, some po and chalco and a few grains of Aspy
268.0-282.1						
Gabbro fresh and uniform with some disseminated sulphides.	.002	Nil	1.5	56163	268.0-269.5	Gabbro, fresh with the odd patch of sulphides, rare grain aspy.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
282.1-303.5 Shear zone, shearing from 45° to 60° to the core. 50% grey vein quartz with pink calcite present.	Nil	Nil	2.8	56164	282.1-284.9	Shear zone, 20% grey quartz and white and pink calcite. Not mineralized except for a few non metallic grains.
	Nil	Nil	2.8	56165	284.9-287.7	Shear zone, 20% pink calcite with some grey quartz also present. Sulphides absent.
	Nil	Nil	3.0	56166	287.7-290.7	Quartz vein, some pink calcite included Speck of chalco.
	Nil	Nil	3.1	56167	290.7-293.8	Quartz vein not mineralized except for a speck of aspy.
	Nil	Nil	4.8	56168	293.8-298.6	Shear zone, 20% white carbonate and some vein quartz. No sulphides.
	Nil	Nil	5.1	56169	298.6-303.5	Shear zone, 10% pink and white calcite with a little vein quartz. Fine specks of PbS in quartz. Local py in shear.
303.5-333.5 Gabbro, fresh, uniform and massive.						
307.7 ½" quartz stringer with galena and chalco.						
222.0 3" sheared section 30° to core.						
224.7 4" sheared section with grey qtz 60° to the core.						
333.5-350.0 Shear zone, top contact at 60° to the core, shearing from 30° to 45° to the core. 20% vein quartz and carbonate.	.002	Nil	2.2	56170	333.5-335.7	Shear zone, 25% grey vein quartz, some chalco in quartz and also in shear. A little pyrite.
	Nil	Nil	3.3	56171	335.7-339.0	Shear zone, weakly sheared, altered carbonatized, fine chalco and local specks of aspy.

PROPERTY New Arcadia Explorations Ltd.

D.D.H. No. A-26

LOCATION 50 feet South of A-23

SECTION _____

LATITUDE _____

STARTED November 8, 1984

DEPARTURE _____

COMPLETED November 12, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING West DEPTH 250.0

DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-73.0 Casing, sand, gravel and boulders.						
73.0-250.0 Gabbro, medium coarse grained, greenish Local dissem po and chalco.	.002		2.8	56185	84.0-86.8	White quartz and carbonate veins in several directions to the core. Rare specks of fine sulphide.
110.7-112.4 Quartz stringers almost parallel to the core with Po, Py and chalco.						
127.7-129.5 Coarse blebs of chalco and po associated with a narrow quartz stringer.						
127.7-129.5 Shear zone 30° to the core, 70% grey vein quartz and carbonate.	Nil		1.8	56186	127.7-129.5	Shear zone, 70% grey and white quartz Sulphides rare.
171.3-172.3 Shear zone 60° to the core, 25% grey vein quartz, sulphides absent.	Nil		1.0	56187	171.3-174.3	Shear zone, 25% grey vein quartz no sulphides.
177.5-181.0 Partly sheared section 45° to the core. A little vein quartz with fair py. Partly carbonatized.						
183.7-184.7 Sheared and altered, carb threads and a						

V. I. M. A.

D.D.H. No. A-27

LOCATION 50 feet North of A-25

SECTION _____

PROPERTY New Arcadia Explorations Ltd.

LATITUDE _____

STARTED November 13, 1984

DEPARTURE _____

COMPLETED November 16, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING West DEPTH 428.0

DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-93.5 Casing, many boulders including vein Qtz and quartzite.						
93.5-221.0 Serpent quartzite, light to dark grey to pinkish to brick red. Blocky and broken core.						
170.0-174.0 Badly broken core, hole is caving.						
213.0-221.0 Quartzite brick red, altered broked core with frequent narrow calcite stringers at 10' to the core. A few narrow quartz stringers also present.						
219.0-220.0 Fault zone, caving, hole cemented.						
221.0-428.0 Gabbro, altered and oxidized to 227, then becoming normal medium grained to medium coarse grained.						
252.0 1/4" seam of pyrite.						

Paul C. McLean

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
307.6-309.7 Altered section, weakly sheared, at 30° to the core. Chloritized with a little vein quartz and carb. stringers. Sulphides absent.	Au	Ag				
310.0-313.5 Frequent irregular white carbonate stringers and patches. No sulphides.						
338.7-346.9 Shear zone, chloritized, pink and white calcite stringers up to 10". Shearing from 45° to 60° to the core/	.005 .002	Nil	4.3	56189	338.7-343.0	Shear zone, 20% pink and white calcite with a little associated grey vein quartz. Sulphides absent.
	Nil	Nil	3.9	56190	343.0-346.9	Shear zone, 10% white and pink calcite in chloritized, weakly sheared gabbro. Grain of chalco in calcite.
350.8 2" carb stringer at 70° to the core with a splash of chalco and py.						
364.1 1/4" quartz stringer with chalco and ZnS.						
389.4-393.3 Brecciated quartzite inclusion with a little sheared gabbro included.	.002		2.3	56191	389.4-391.7	Brick red inclusion, chloritized with a little vein quartz. Minor fine pyrite.
	Nil		1.6	56192	391.7-393.3	Sheared gabbro and brick red quartzite inclusions, some vein quartz in quartzite, minor fine pyrite.
393.3-420.0 Shear zone, shearing at 60° to the core. with some at 45°. 30% vein quartz and carbonate	Nil		2.4	56193	393.3-395.7	Shear zone, 20% irregular white calcit e, a few grains of Aspy and minor chalco throughout.
	Nil		3.5	56914	395.7-399.2	Mostly grey vein quartz, one grain of chalco noted in quartz and a little aspy present in shear planes.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
	Nil		3.5	56195	399.2-402.7	Mostly vein quartz, a little pyrite and minor aspy on shear planes. No sulphides in quartz.
	.02 .02		2.5	56196	402.7-405.3	Altered section weakly sheared carbonatized, white calcite stringers present. A few grains of chalco on slips.
	.005		1.2	56197	405.3-406.5	Altered section, some grey quartz with carbonate, also brick red section well mineralized with fine chalco and some pyrite and a little aspy.
	.005		3.5	56198	406.5-410.0	Shear zone, some sections well sheared others altered and carbonated. Frequent white and pink calcite stringers and local vein quartz. A little py and small xtals of aspy on shear planes.
	.002		3.0	56199	410.0-413.0	Shear zone, 20% white and pink calcite stringers and some narrow vein qtz. stringers.. Local chalcopryrite.
	Nil		2.9	56200	413.0-415.9	80% grey and white vein quartz, sulphides absent.
	Nil		2.1	601	415.9-418.0	Shear zone, highly altered and carbonatized. some sections weakly sheared. Dissem po and some chalco.
	Nil		2.0	602	418.0-420.0	Shear zone, highly carbonatized, includes a 4" white quartz carb vein with 5% sulphides. Py, chalco and Po.
420.0-423.0 Gabbro, altered carbonatized with some white calcite stringers.						
423.0-428.0 Gabbro, medium grained unaltered.						
428.0 end of hole.						

PROPERTY New Arcadia Explorations Limited

D.D.H. No. A-28
 LOCATION 100 feet South
and 50 feet East of A-26
 SECTION _____

LATITUDE _____

STARTED November 16, 1984

DEPARTURE _____

COMPLETED November 18, 1984

ELEVATION _____

V.D. _____ H.D. _____

BEARING West DEPTH 292.0
 DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-48.0 Casing gravel.						
48.0-167.8 Mississagi quartzite, light grey, massive and uniform in appearance. Fine disseminated pyrite common throughout. Very siliceous high silica quartzite.	.002		5.0	603	64.0-69.0	Quartzite, light grey character sample 7% pyrite in seams throughout. Very narrow calcite stringers with fine chalc.
86.7-88.0 Quartz vein at 45° to the core, good pyrite and some brown ZnS.	Nil		1.3	604	86.7-88.0	Quartz vein whitish with good pyrite in seams and blebs and grains of brown sphalerite in several places. Also a grain of aspy.
103.0-167.8 Quartzite becoming more arkosic, brownish grey with the odd small quartz pebble. Less pyrite than previous.						
155.0 Bedding at 60° to the core.						
162.0-167.8 Weakly sheared at 45° to the core. A little grey vein quartz, sulphides absent.						
167.8-242.8 Gabbro, fine grained at contact, becoming medium coarse grained from 177 feet.						

Carl M. J.

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
184.5-187.0 Sheared section with quartz stringers.						
191.0-191.2 Silicified section with white quartz stringers. A little chalco/						
201.0-201.8 Grey quartz vein at 45° to the core. Some white calcite included, sulphides absent.						
204.0-208.2 Several 1" quartz stringers at 10° to the core. Rare po and chalco.						
242.8-250.1 Shear zone, shearing varies from 60° to 30° to the core. Chloritic and silicified and contains lenses and blebs of grey quartz, very well mineralized with fine pyrite. Possibly some quartzite included which is partly chloritized.	.002		1.0	605	242.8-243.8	Shear zone, shearing at 60° to the core, some brick red alteration. Well mineralized with fine pyrite in seams and blebs, some associated chalco.
	.01		1.6	606	243.8-245.4	Silicified section, possibly a quartzite inclusion, 20% chlorite replacement. The odd speck of pyrite.
	.02					
	.005		1.6	607	245.4-247.0	Silicified and chloritic shear, Half of the sample may be a quartzite inclusion which is well mineralized with fine pyrite and some chalco.
	.02		3.1	608	247.0-250.1	Shear zone, highly chloritized with lenses and ribbons of vein quartz. Well mineralized with fine pyrite throughout in shear in in vein quartz. Some very fine needles of aspy. Fine grains of V.G. in quartz at 249.2. Includes a 4" well brecciated section at bottom of the sample.
	.02					
	.02					

DRILLING CONTRACTOR _____

ENGINEER _____

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
250.1-257.2						
Gabbro, medium coarse grained, massive and uniform in appearance.						
257.2-277.0	Nil		1.0	609	250.1-251.1	Gabbro, slightly altered and sheared with several pyritic slips.
Shear zone, shearing varies from 60° to 20° to the core from top to bottom of the zone. Chloritized and carbonatized with sections of vein quartz locally brecciated with good pyrite around the fragments.	Nil		2.6	610	257.2-259.8	Shear zone, 50% grey vein quartz. Grain of aspy in quartz, the odd speck of chalco in the shear,
	Nil		1.4	611	259.8-261.2	Shear zone, chloritized and carbonated with minor vein quartz. Fair chalco throughout, mostly on the shear planes. Local aspy on shear planes., also some with carbonate stringers.
	Nil		2.6	612	261.2-263.8	Shear zone, includes a 1.7 foot quartz vein which is barren, remainder is highly sheared carbonatized material. with some fine py and aspy on shear planes.
	Nil		2.3	613	263.8-266.1	Brecciated section, fragments of grey quartz, altered gabbro and white calcite matrix. Fragments are frequently rimmed with pyrite which is also common in blebs. Locally a little aspy noted.
	.002		3.9	614	266.1-270.0	Shear zone, 20° to the core, highly carbonatized. Mineralized throughout with very fine aspy and some pyrite.
	.002		3.5	615	270.0-273.5	Shear zone, highly carbonatized, some coarse xtals of aspy and chalco. Minor vein quartz.

PROPERTY New Arcadia Explorations Limited

D.D.H. No. A-29
 LOCATION 50 feet W of A-17
and 80 feet East.
 SECTION _____

LATITUDE _____ STARTED November 19, 1984
 DEPARTURE _____ COMPLETED November 21, 1984
 ELEVATION _____ V.D. _____ H.D. _____

BEARING West DEPTH 400.0
 DIP -60°

GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER		
0.0-63.0 Casing, sand, gravel and boulders.						
63.0-400.0 Serpent quartzite, light to dark to pinkish grey with some salmon red beds.						
117.0-122.0 Bedding at 60° to the core.						
166.0-166.5 chloritized section, some py on slips.						
224.4-245.0 Dark grey gritty bed.						
268.0 2" quartz stringer at 80° to the core with coarse pyrite.	Nil		1.9	617	268.0-269.9	Quartzite included twp well mineralized quartz stringers.
269.4 4" quartz stringer at 45° to the core with some coarse pyrite.						
298.6 1/2" white calcite stringer with coarse chalcopryite.						
343.5 2" quartz stringer with po, py.						
348.6-349.3 Brecciated section, mostly white calcite with some coarse pyrite	Nil		0.7	618	348.6-349.3	White calcite stringer in Brecciated section. Some coarse py in calcite.

400.0 End of hole.

Barron Diamond Drilling.

Handwritten signature

NEW ARCADIA EXPLORATIONS LTD. ET AL GOLD PROSPECT

25/10/15

SCADDING TOWNSHIP

PLAN OF GEOLOGY - EAST SHEET

SCALE: 1 inch = 100 feet



LEGEND

- | | |
|---|--|
| <p>7 Feldspar Porphyry</p> <p>6 Olivine Diabase</p> <p>5 Nipissing Diabase, Gabbro</p> <p>4 Serpent Quartzite</p> <p>3 Bruce Limestone</p> <p>2 Bruce Conglomerate</p> <p>1 Mississagi Quartzite</p> <p>SZ Shear zone</p> | <p> Strike and Dip</p> <p> Attitude of Shearing</p> <p> Swamp</p> <p> Creek</p> <p> Steep Hill or Cliff</p> <p> Humus Gold Values in Parts per Billion</p> |
|---|--|

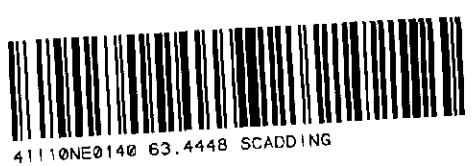
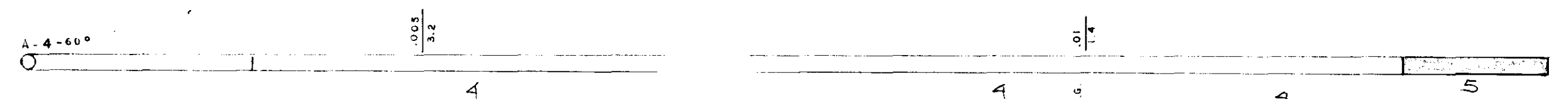
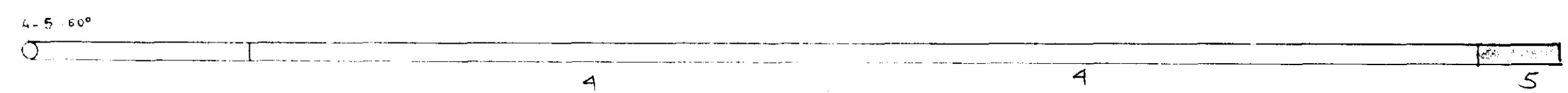
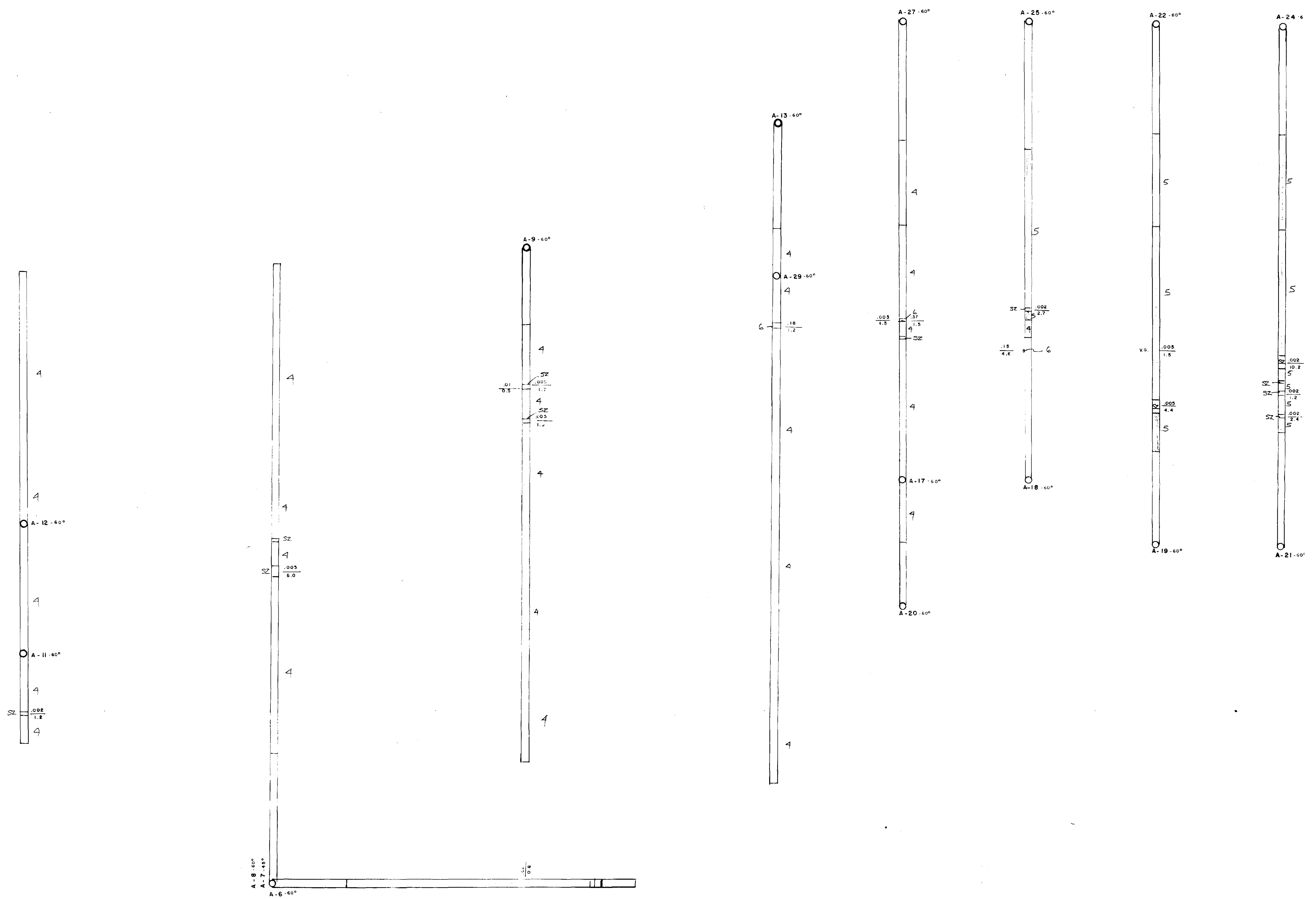


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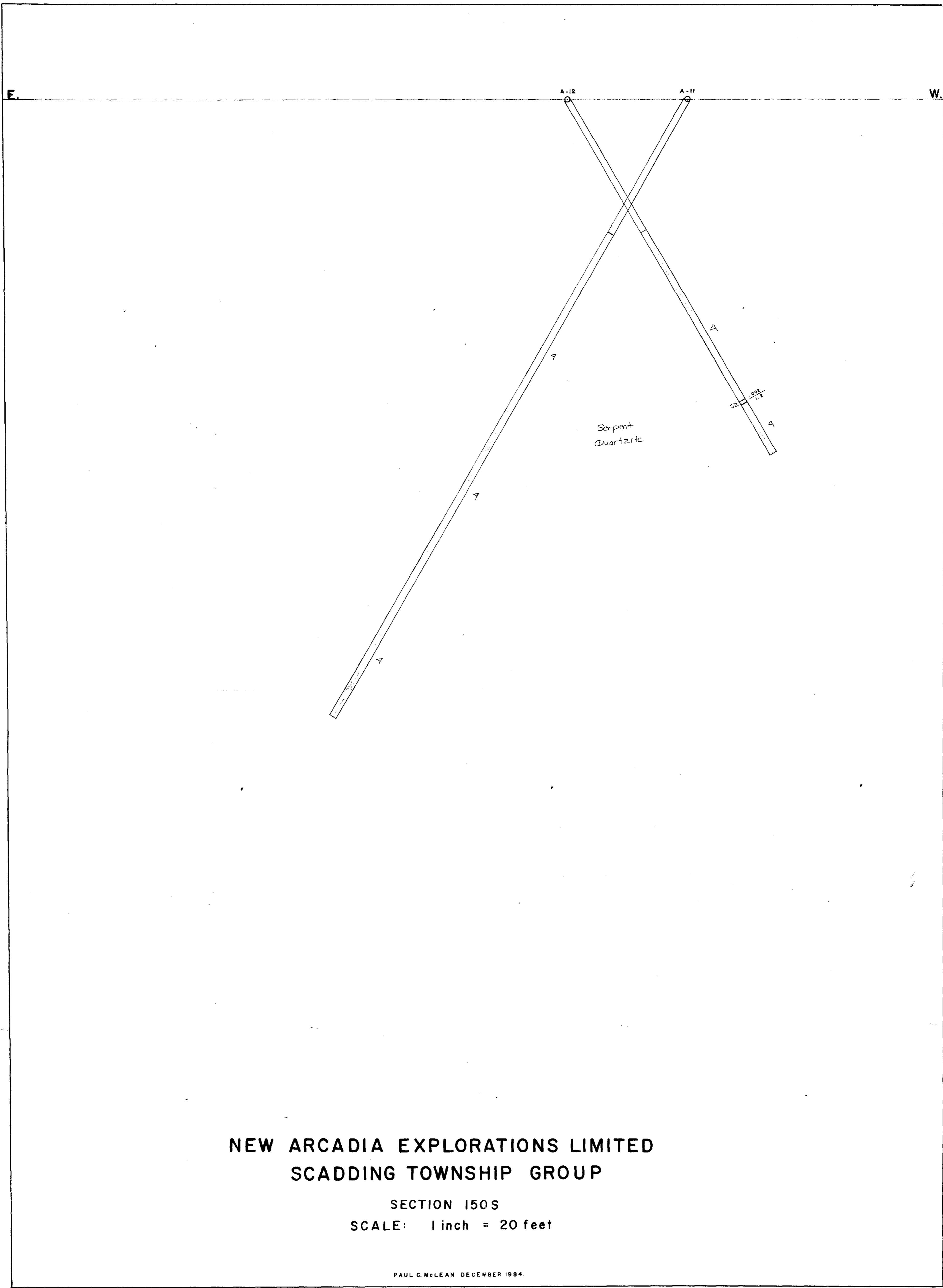
SCADDING TOWNSHIP

PLAN OF DRILL

SCALE: 1 inch = 20 feet



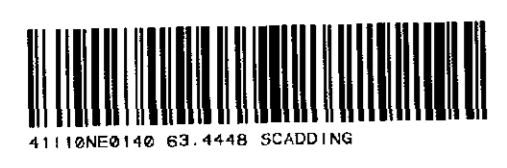
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210



**NEW ARCADIA EXPLORATIONS LIMITED
SCADDING TOWNSHIP GROUP**

SECTION 150S
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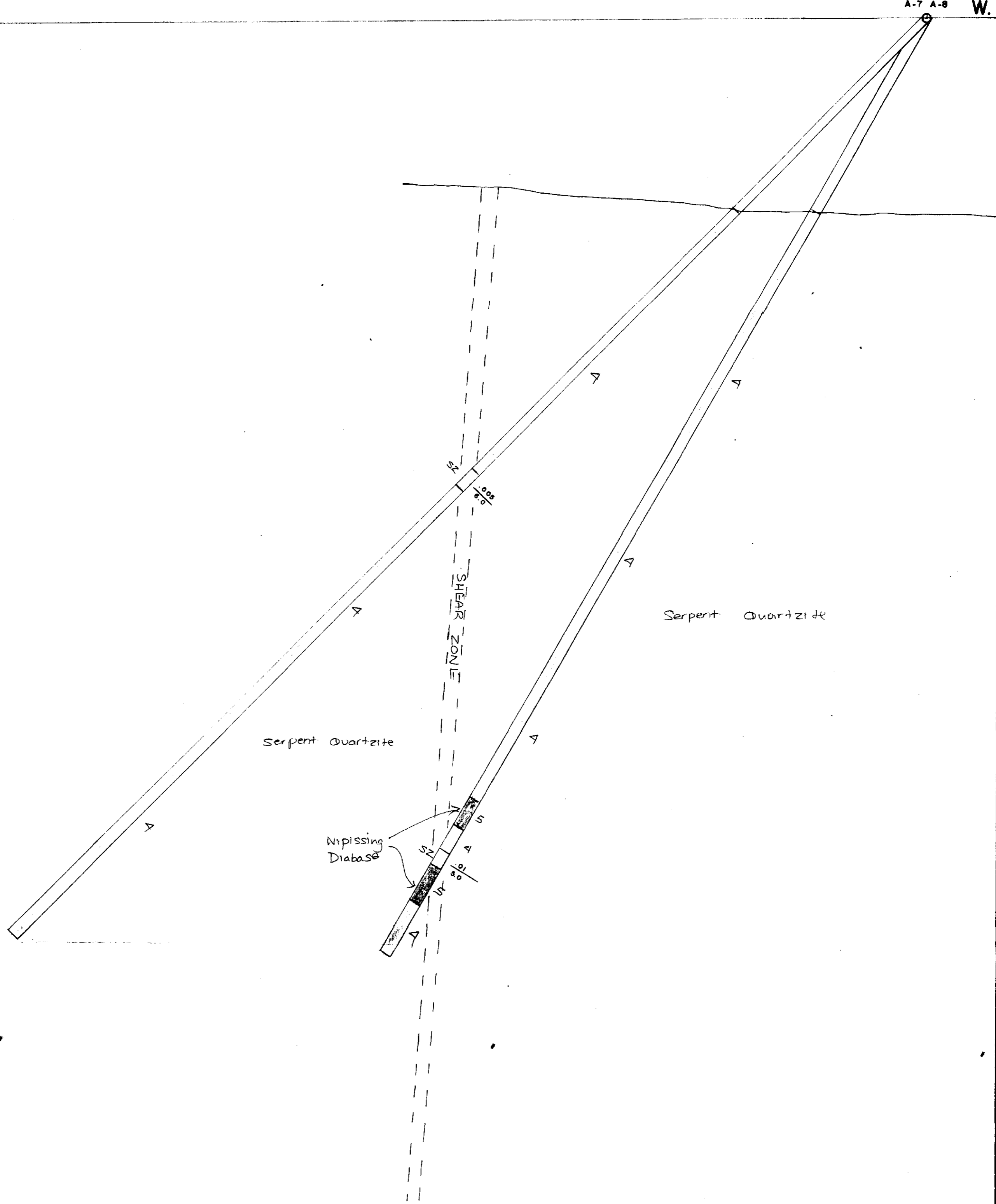
PAUL C. MCLEAN DECEMBER 1984.



41118NER148 63.4448 SCADDING

E.

A-7 A-8 W.



NEW ARCADIA EXPLORATIONS LIMITED
SCADDING TOWNSHIP GROUP

SECTION 250S
SCALE: 1 inch = 20 feet

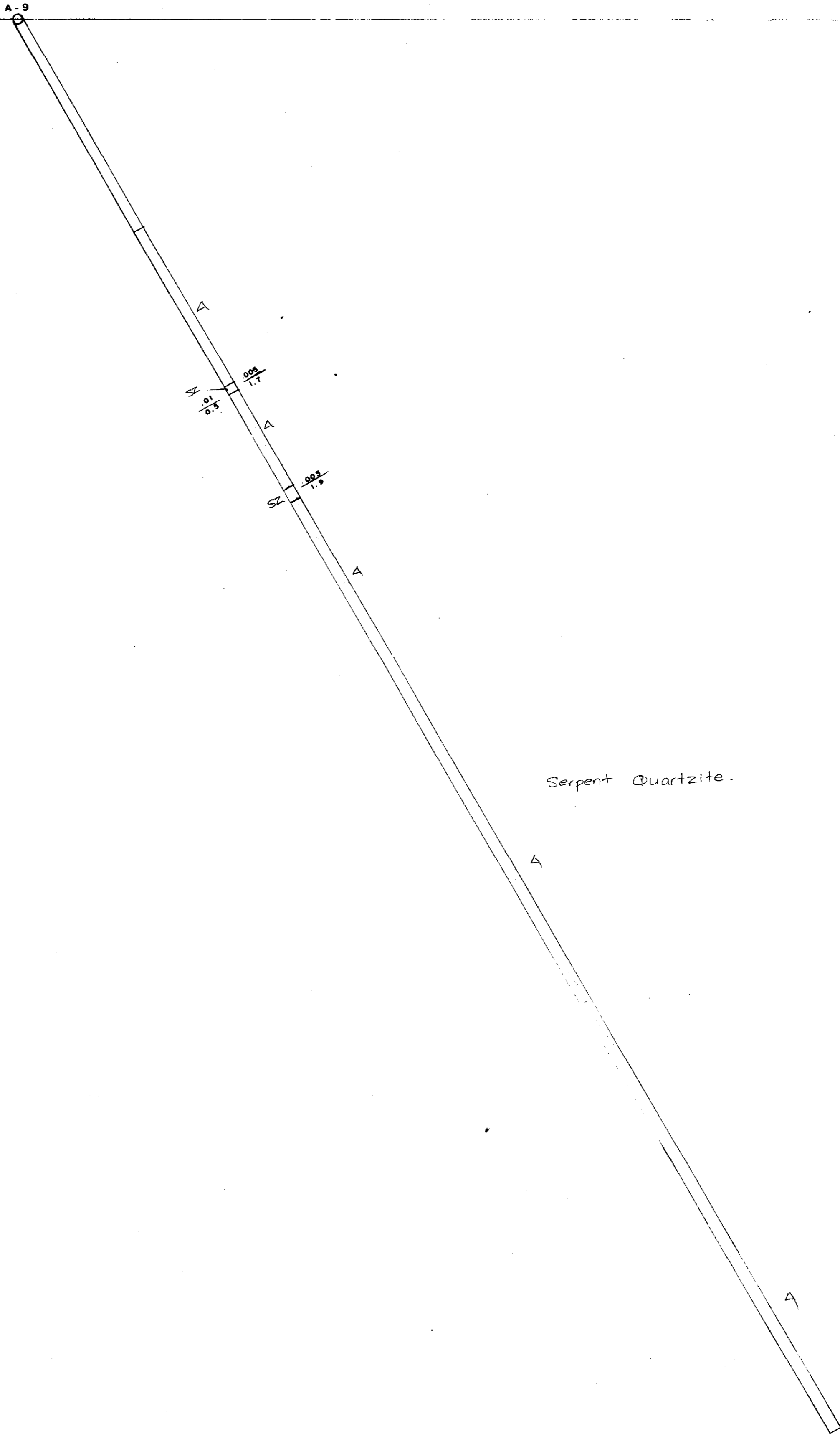
PAUL C. McLEAN DECEMBER 1984.



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E.

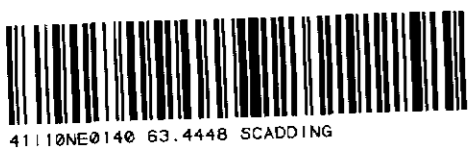
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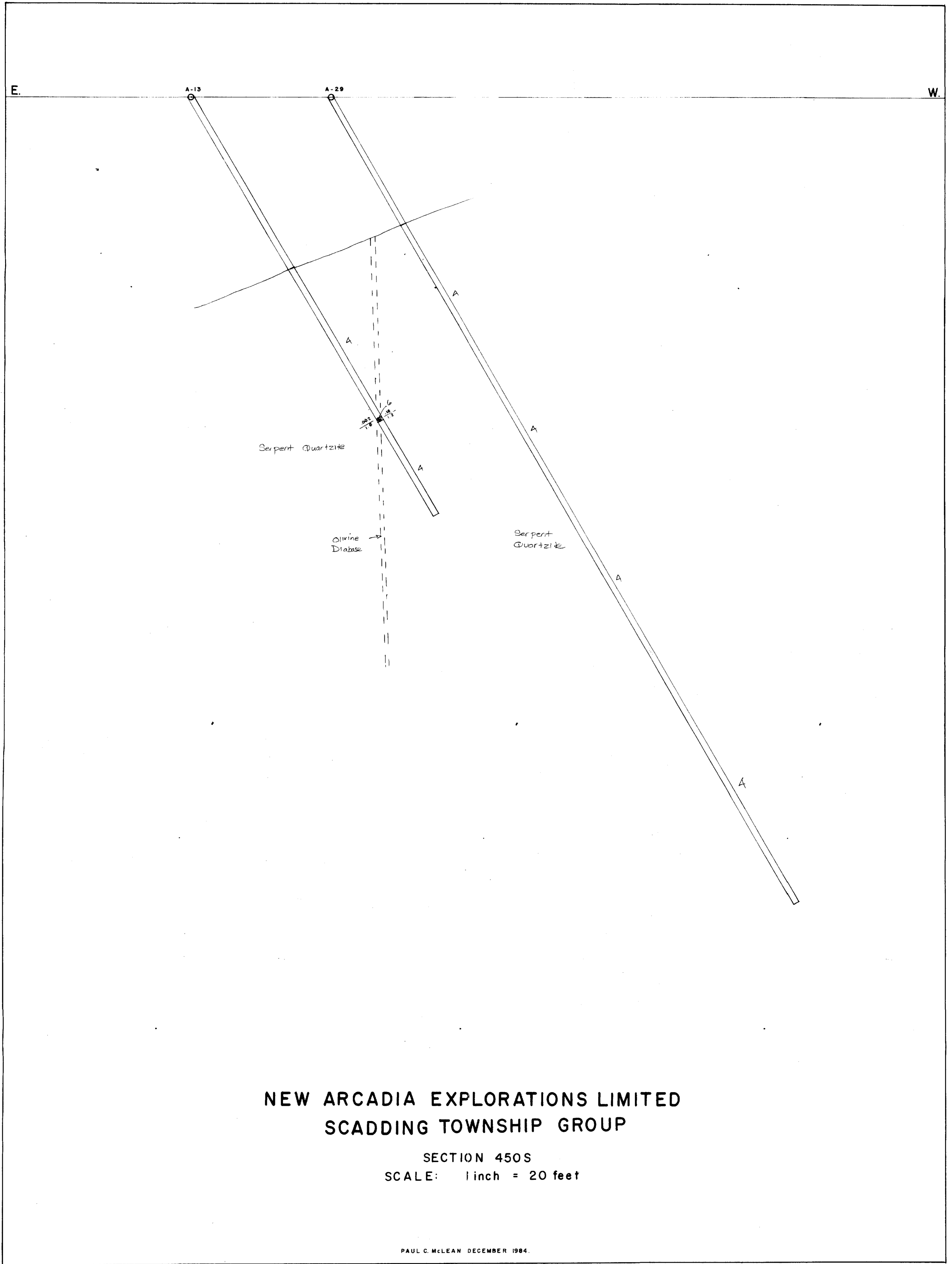
NEW ARCADIA EXPLORATIONS LIMITED
SCADDING TOWNSHIP GROUP

SECTION 350S
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PAUL C. McLEAN DECEMBER 1984.



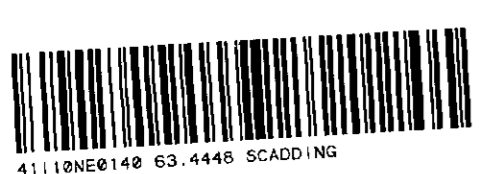
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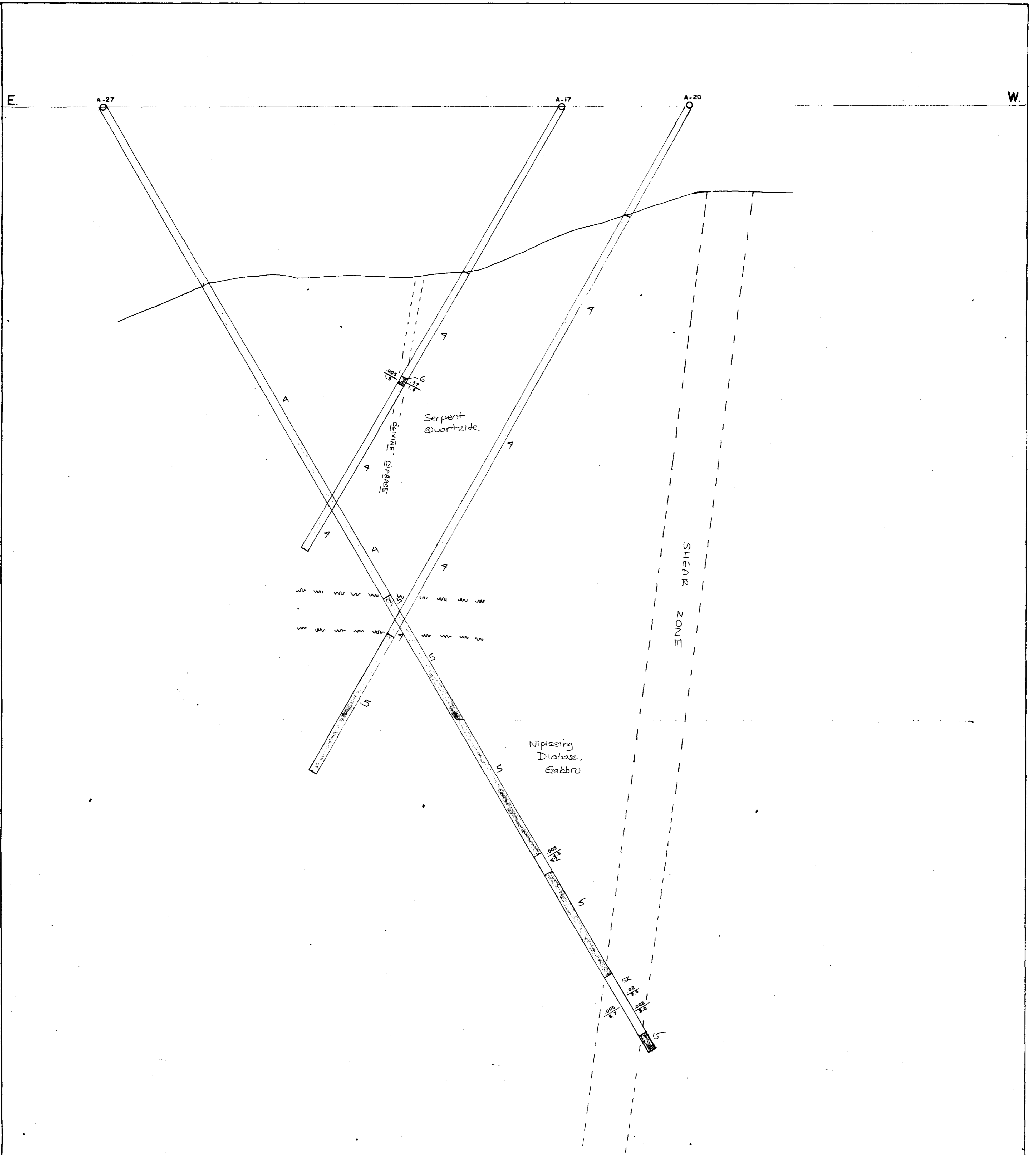
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SCALE: 1 inch = 20 feet

PAUL C. McLEAN DECEMBER 1984.



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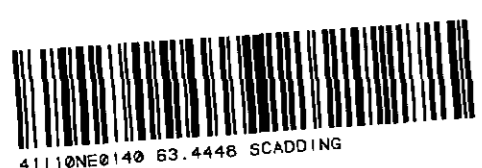
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SCADDING TOWNSHIP GROUP**

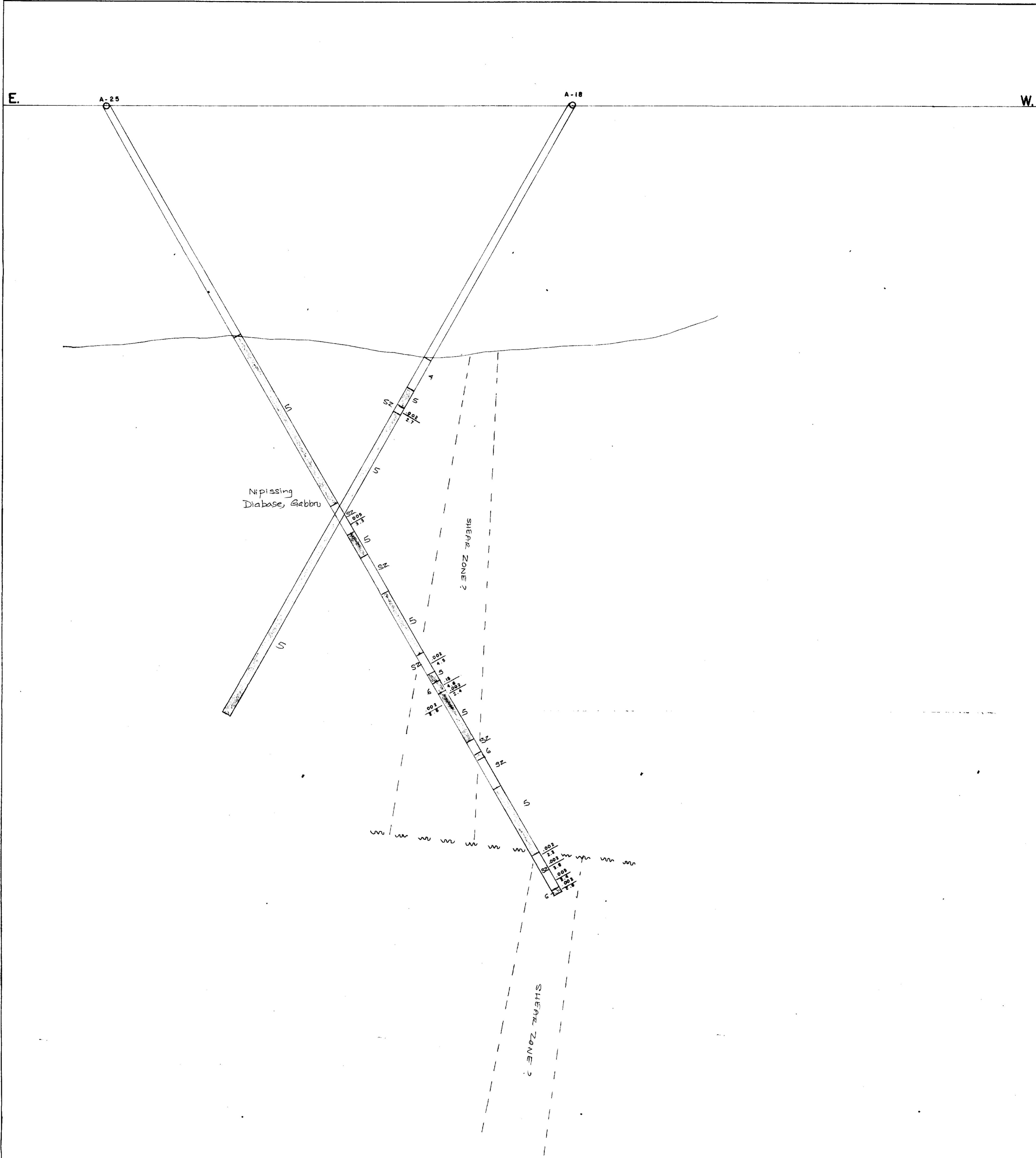
SECTION 500S

SCALE: 1 inch = 20 feet

C.S. McLean

PAUL C. McLEAN DECEMBER 1984.





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SCADDING TOWNSHIP GROUP**

SECTION 550S

SCALE: 1 inch = 20 feet

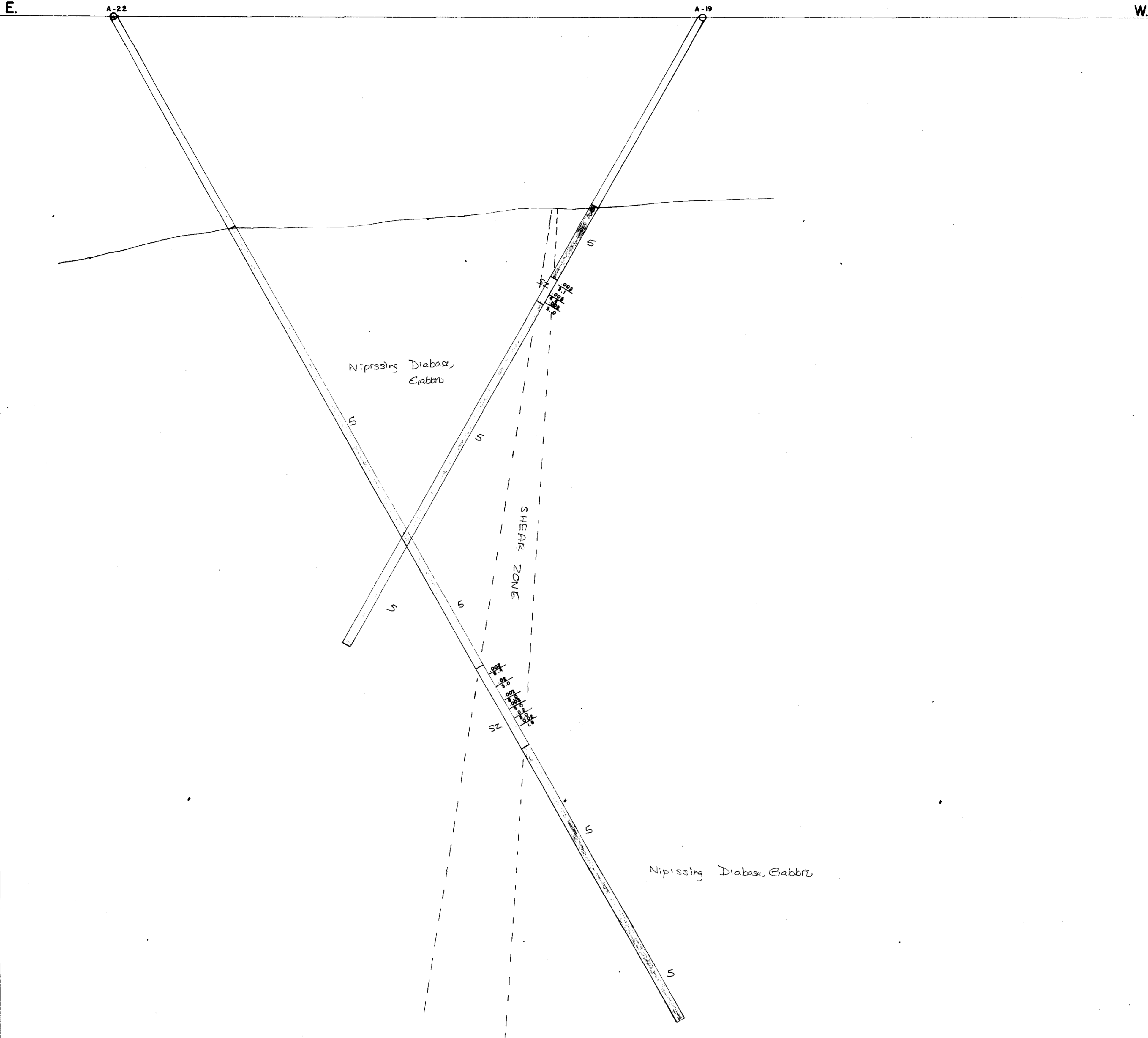
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PAUL C. McLEAN DECEMBER 1984.



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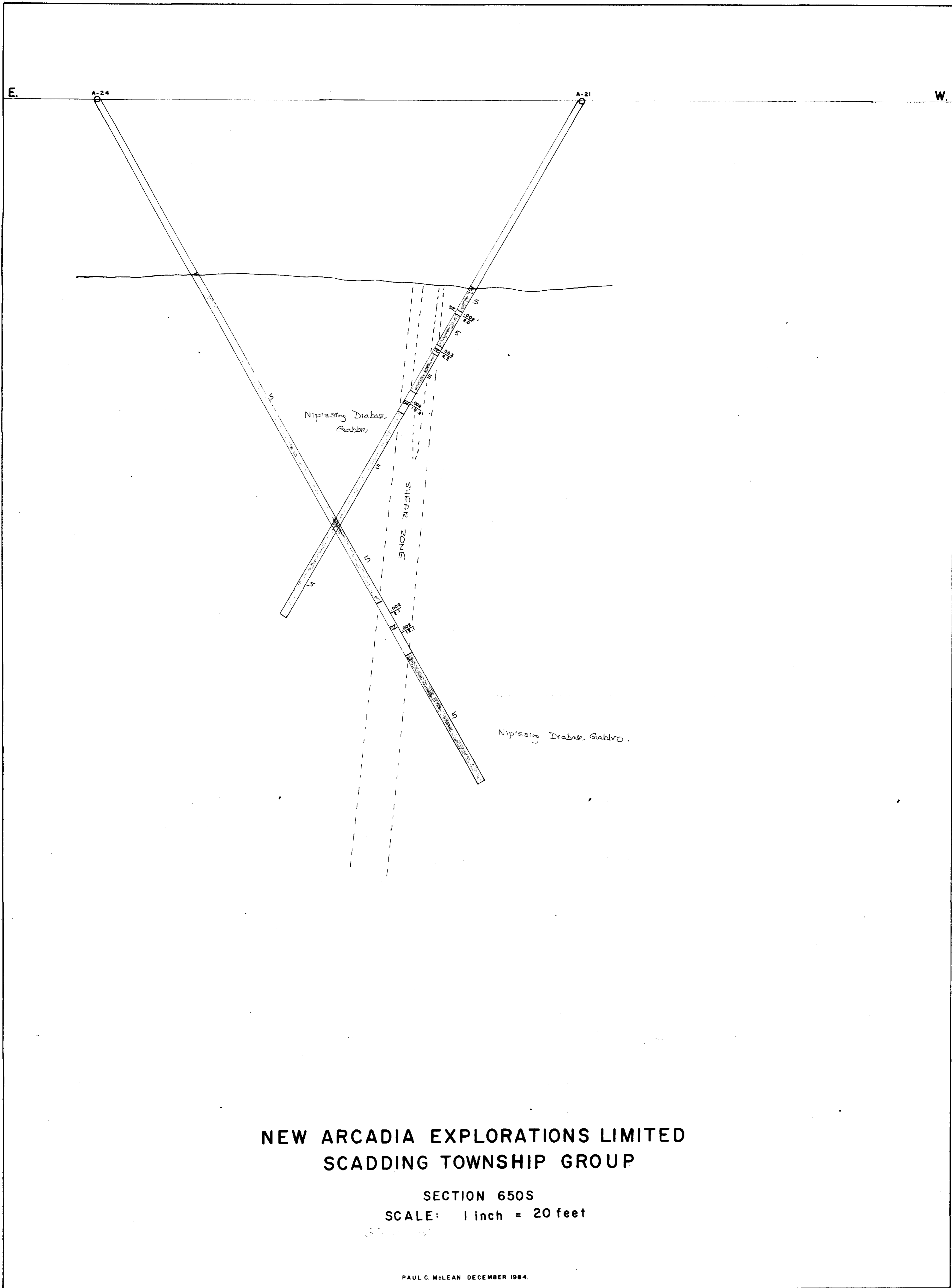
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SECTION 600S
SCALE: 1 inch = 20 feet

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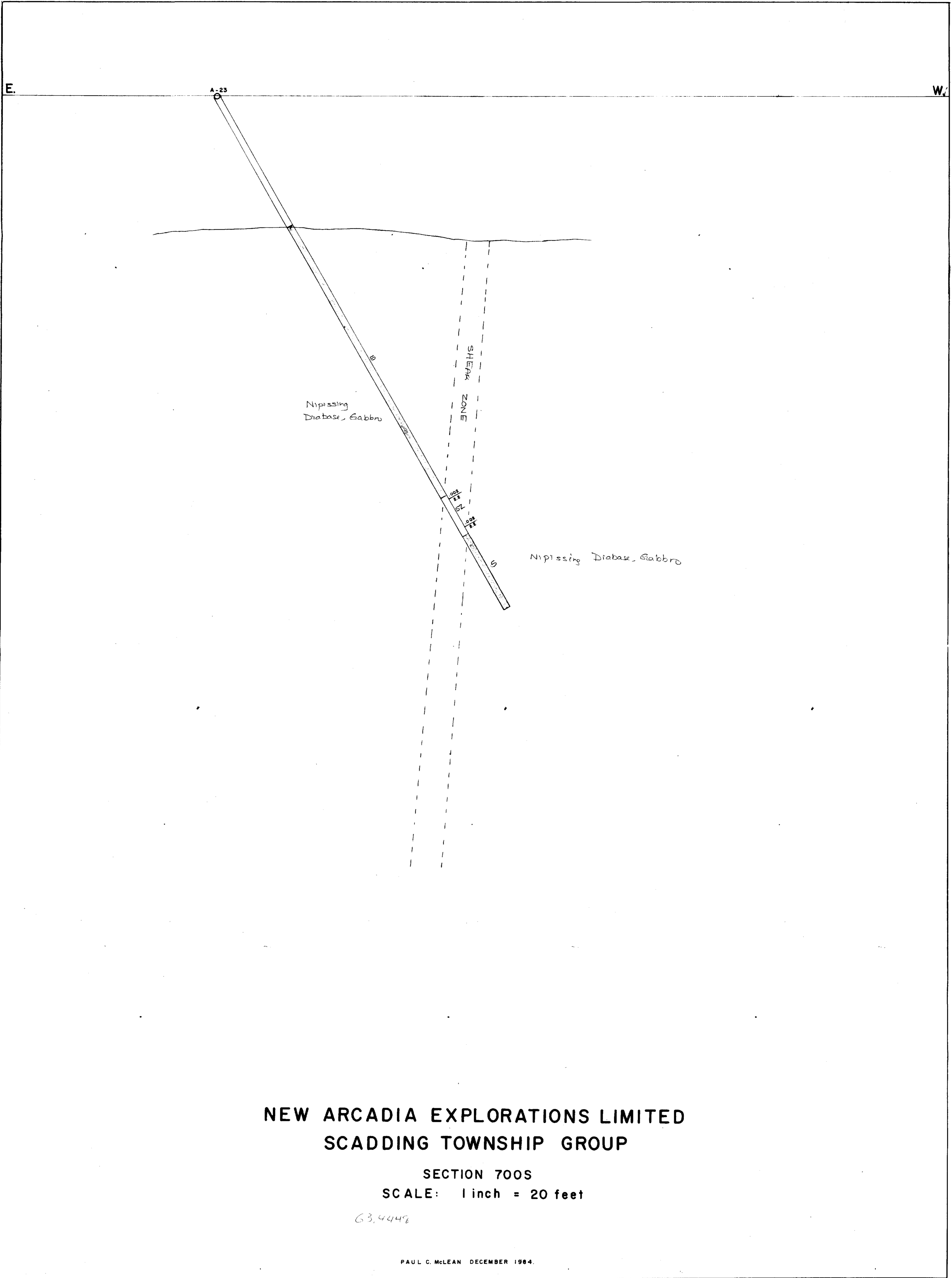
SECTION 650S

SCALE: 1 inch = 20 feet

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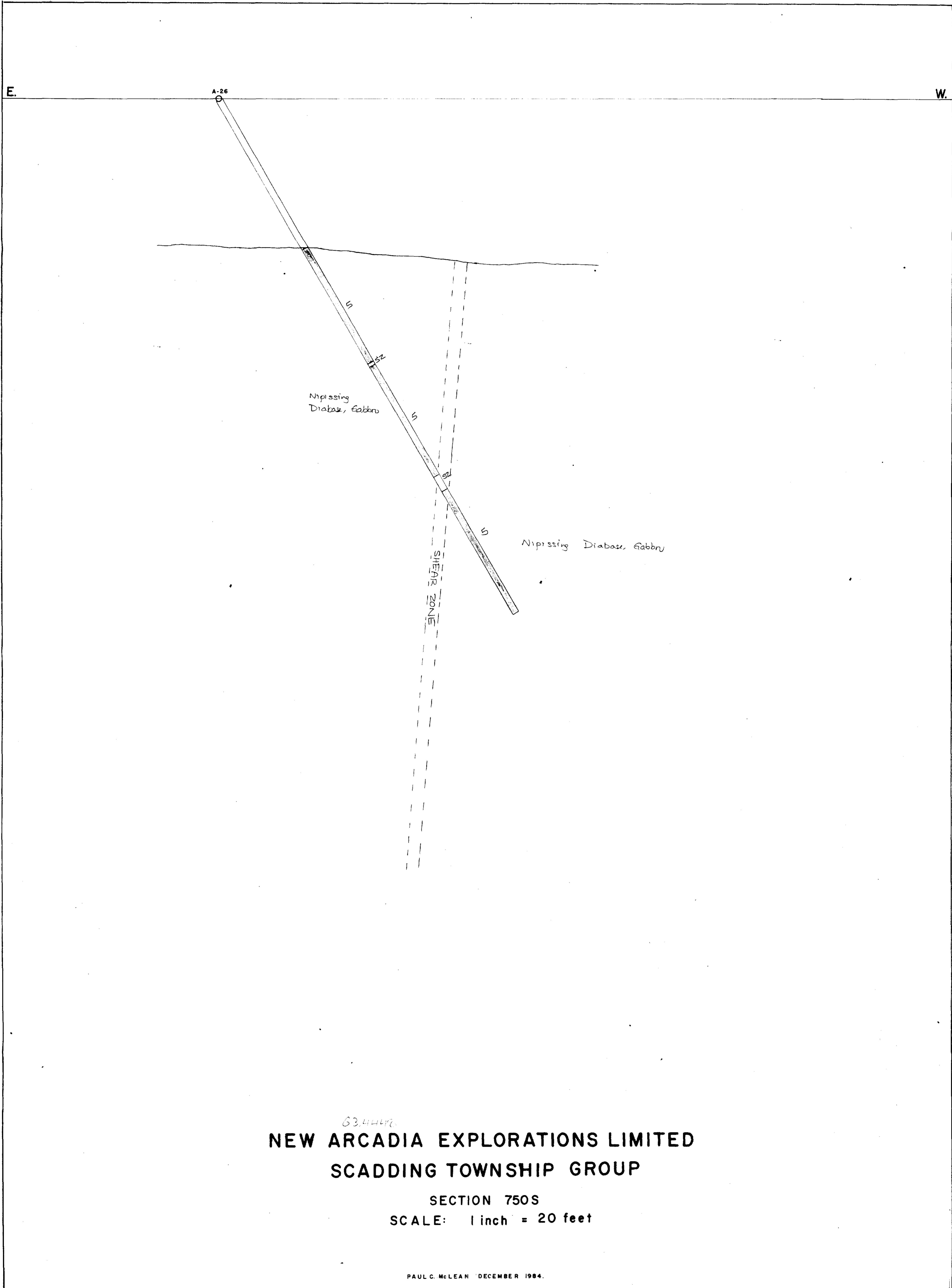
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SCALE: 1 inch = 20 feet

63,448

PAUL C. McLEAN DECEMBER 1984.



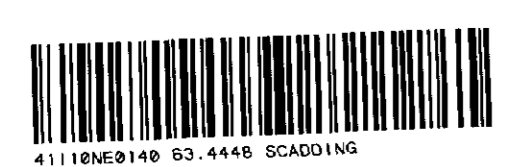
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SCADDING TOWNSHIP GROUP

SECTION 750S
SCALE: 1 inch = 20 feet

PAUL C. McLEAN DECEMBER 1984.



ATIONS LTD. ET AL

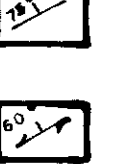


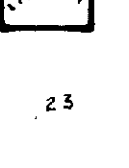


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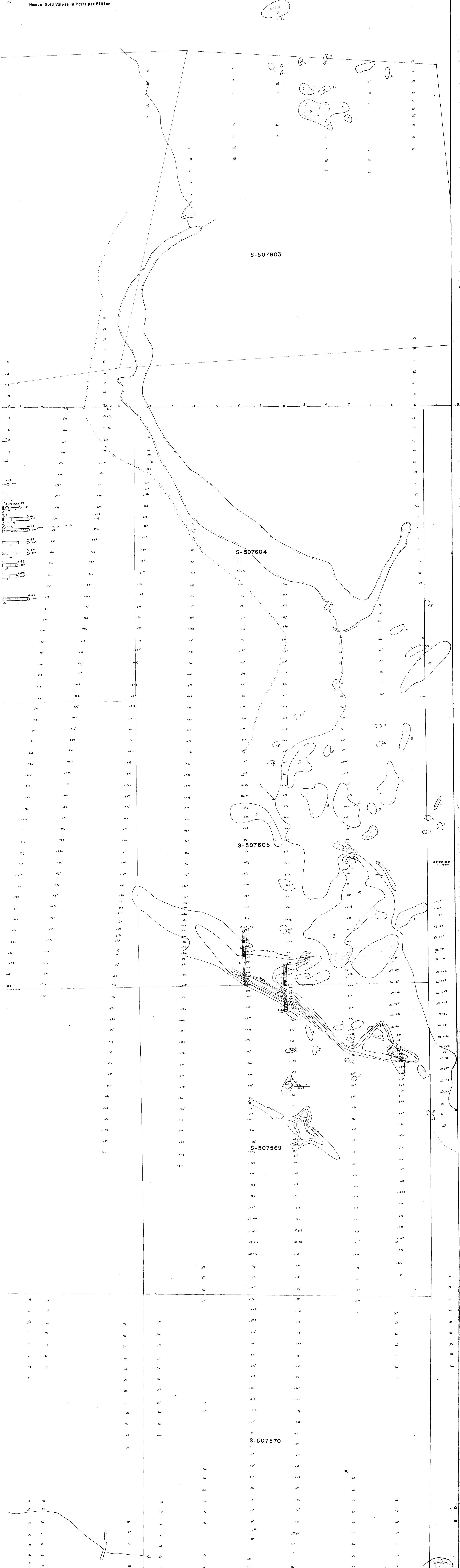
NSHIP

Y-EAST SHEET

1 inch = 100 feet

END

-  Strike and Dip
-  Attitude of Shearing
-  Swamp
-  Creek
-  Steep Hill or Cliff
-  Humus Gold Values in Parts per Billion



SCADDING TWP.

STREET TWP.

CADIA EXPLORATIONS LIMITED

SCADDING TOWNSHIP GROUP

PLAN OF DRILLING

SCALE: 1 inch = 20 feet

