

41110NE0140 63.4448 SCADDING

NEW ARCADIA EXPLORATIONS LTD. SCADDING TOWNSHIP EXPLORATION 1984

by

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



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NEW ARCADIA EXPLORATIONS LTD. SCADDING TOWNSHIP EXPLORATION 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:

Claim Nos.	Recording Date	Apply for Extension before
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 stoped 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 form 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 fould 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 Engineering and assaying 25%	48,000 12,000
	60,000
OMEP grant available 25%	15,000
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.

D.D.H. No. A-14

LOCATION S-507605

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SECTION_

PROPERTY New Arcadia Explorations Ltd	P	R	O	P	E	R	T	Y_	New	Arc	adia	Exp.	lorat	ions	Ltd	
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LATITUDE	STARTED January 1	17, 1984		200.0
DEPARTURE	COMPLETED January	20, 1984	BEARING North	DEPTH_300.0
FI EVATION	V D	u n		

CENTRAL CEOLOGY	A	SSAY	SAMPLE			ECONOMIC CEOLOGY
GENERAL GEOLOGY		VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-10.0		Ag				
Casing						
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
	.005			72.1		quartz, epidote and chlorite 7% fine
33.0-34.8						pyrrhotite.
light grey cherty quartaite bed.						
	.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
			<u> </u>	L		
	.002		1.4	35678	47.6-49.0	Altered greywacke, Narrow calcite and
		<u></u>		1		quartz stringers. Dissem po and some
						chalco.
40 0 51.7	Nil		2.7	35679	49.0-51.7	Quartz vein, pinkish white, barren
Quartz vein at 60 to the core.						except for chalco in altered inclus-
Pinkish white, barren except for some						ions.
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.		_				

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GENERAL GEOLOGY	A	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGI		YALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGI	
63.5-66.4							
gabbro dyke, top contact irregular							
lower also.							
67.3-69.4							
Gabbro, fine grained dyklet.							
69.4-71.8			L				
Siliceous greywacke.			 				
			<u> </u>	ļ			
71.8-81.4			 				
Gabbro, medium grained, dark green.			 				
			<u> </u>				
73.5- coarse splash of chalco and po			 		·		
in a carbonate stringer parallel			!				
to the core.			 	!			
00			 	 			
81.4-88.0			 	ļ			
Siliceous greywacke with some cherty	 		 	-			
quartzite beds. Dark grey in colour.	 -	Ni	 				
88.0-125.0	.002	.01	5.0	35680	93.0-98.0	Diorite, fine grained dark grey with	
Diorite, fine grained dark grey with	.002	•••	1	1 2,000	7.5.0 - 70.0	7% dissem. sulphides, mostly po with	
disseminated sulphides. Appears siliceous						some pyrite.	
possibly altered quartzite but appears in		e	 				
Massive and uniform in appearance.			†				
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	Nil		3.9	35681	142.6-146.5	Conglomerate, loosely packed quartz	
Pebble conglomerate. Loosely packed			L			and assorted pebbles, chloritic	
pebbles, mostly quartz, also assorted.						maitrex. 5%-7% po, mostly in the qtz.	
7% dissem. po. Most pebbles are sheared						pebbles.	
and elongated, up to lo in diameter.							
Green chloritic maitrex. Shearing 45	Nil		2.4	35682	146.5-148.9	Conglomerate as above, locally some	
to the core.			1			coarse po and a little chalco.	

CENERAL CEOLOGY	A	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY		OZ. VALUE FEET NUMBER		POOTAGE	ECONOMIC GEOLOGI		
148.9–154.2							
Siliceous conglomeratic greywacke, dark							
grey with occasional quartz pebbles up							
to 1/4. Dissem po throughout.							
154.2-165.0							
Siliceous greywacke, pebbles absent.							
165.0-240.0	•002		1.8	35683	171.0-172.8	Conglomerate, mostly quartz pebbles	
Conglomeratic greywacke, loosely packed	Nil					with 7% pyrrhotite.	
contorted pebbles up to 2".							
	Nil		2.5	35684	177.2-179.7	Conglomerate bed, mostly quartz	
						pebbles up to $\frac{1}{2}$ ". 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	
			L			quartz with some carb. Sulphides absen	
			<u> </u>	<u> </u>		t.	
			<u> </u>				
	Nil		3.0	35687	213.7-216.7	Mostly grey vein quartz with some	
216.0-216.5			<u> </u>			chlorite inclusions. I foot chloritic	
conglomeratic sediment with fair				L		shear included. Rare grains of py.	
disseminated ZnS.							
	<u> </u>			35/00			
218.9-240.0	Nil		1.3	35688	228.4-229.7	Quartz vein, grey quartz with pink	
Conglomeratic greywacke, weakly			ļ	<u> </u>		calcite and chlorite. Sulphides are	
sheared 30 to 60 to the core. Local	.		 			absent. (quartz looks like North	
py, po and some red ZnS.	ļi			 		structure quartz).	
	-		 	 			
240.0-273.0			 				
Greywacke, dark grey, pebbles absent.			<u> </u>	 			
Local shearing and/or hedding at 60°			 	 			
249.5 2" barren quartz stringer.							
	-			-			
			<u> </u>	L			

GENERAL GEOLOGY	^	ASSAY		MPLE	FOOTAGE	ECONOMIC GEOLOGY	
	OZ.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGI	
265.0-267.0 Well sheared section at 45° to the							
Well sheared section at 45 to the							
core.							
269.5-272.5 Greywacke sheared at 45° to the core.							
Greywacke sheared at 45 to the core.							
273.0-300.0							
Grading to grey quartzite				I			
•							
278.0–278.8							
Vuggy section with 20% white vein quartz xtals. A little pyrite.			<u> </u>				
quartz xtals. A little pyrite.							
			<u> </u>	L			
300.0				l	<u> </u>		
End of Hole.			Ĺ				
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PROPERTY New Arcadia Explorations Ltd.

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LATITUDE	STARTED January 25	, 1984.	BEARING 180°	354.0
DEPARTURE	COMPLETED Februa	ry 13, 1984	DIP -45°	DEPTH3/4•0
EL EVATION	V D	u n		

GENERAL GEOLOGY		SSAY	SA	MPLE		ECONOMIC CEOLOGY
		VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-9.0						
Casing.						
V						
9.0-43.3				<u> </u>		
Gabbro, medium grained, greenish, mostly		ļ 	<u> </u>			
massive and uniform in appearance.			<u> </u>			
41.0-43.0			 			
20% white calcite stringers in altered	1			1		
gabbro. No sulphides.				1		
43.0-50.0	Nil		5.1	35689	43.3-48.4	Sheared quartzite, 10% grey vein qtz.
Quartzite, dark grey, sheared at 60° to			1			5% dissem sulphides, py, some po.
the core. 10% grey vein quartz lenses, a	nd					
stringers. 5% sulphides, mostlu py.						
50.0-63.0						
Quartzite as above with less shearing						
and occasional quartz lenses. Locally						
½" pebbles.						
63.5-71.3	Nil		3.0	35690	63.5-66.5	Sheared conglomerate, 5% pyrite in
Pebble conglomerate, well sheared with			1			seams and disseminated. A few grains
elongated pebbles in chloritic maitrex.						of red ZnS at 65.0. Chloritic maitrex
	- 		3-3	35691	66.5-59.8	Sheared conglomerate 3% pyrite in a
	Nil	 	1-3-3	120AT	00.7-74.0	chloritic maitrex.
				 		CHIOITOTO MOTOLOGY.
71.3-94.4 Quartzite or siliceous greywacke, dark						
grey. Well sheared 60° from 83.0.	-	 -			<u> </u>	

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SECTION_

LOCATION Line 18E

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GENERAL GEOLOGY	ASSAY SAMPL		MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
78.0-78.4							
Pebble bed							
91.0-94.4							
Pebble bed with pyrite 3%. Small				ļ			
elongated pebbles.			 	ļ			
			ļ				
94.4-109.5			 	ļ			
Pebbly greywacke, loosely packed pebbles			├	 			
in greywacke maitrex, mostly 1 some up to			 	 			
$\frac{1}{3}$ ". Weakly sheared at 60° to the core.			 	ļ.——			
			 	 			
109.5-115.6			 	 			
Quartzite, light grey, relatively pure.			 	 			
115.4 $2\frac{1}{2}$ gabbro dyke.			 	1			
11).4 22 gaudio uyae.				†			
115.6-122.6	Nil		0.9	35692	119.4-120.3	Quartz vein, includes coarse patches	
Greywacke-argillite, fine grained, grey.						of chlorite. Grey quartz with a few	
						grains of py and chalco.	
121.8-122.6							
Gabbro dyke with some argillite		<u></u>					
inclusions, coarse grained.							
		ļ	 	<u> </u>			
122.6-124.6		-	 				
Crey quartzite.			 	 			
			ļ				
124.6-126.0			 	 			
Medium grained gabbro, chilled contact.		<u> </u>	 	 			
126.0-127.8			 	 			
Greywacke with occasional pebbles.		<u> </u>	 	 			
Greywacke with occasional peoples.			 				
127-8-134-3			 				
Gabbro, becoming coarse grained. Some							
quartz stringers up to 2". Some argillite							
inclusions near lower contact.							
			<u> </u>				
134-3-144-7		ļ <u> </u>	 	<u> </u>			
Greywacke, fine grained, dark grey.		l		1			

GENERAL GEOLOGY	^	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGI	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOEGG	
135.3 2" coarse gabbro dyke.			 				
144.7-153.8	.002		2.4	35693	144.7-147.1	Conglomerate, well packed elongated	
Conglomerate, assorted pebbles elongated	Nil		1			pebbles. 10% pyrite in seams and	
at 70° to the core.						disseminated.	
153.8-176.5	Nil		3.5	35694	153.8-157.3	Conglomerate, chloritic maitrex, 7%	
Conglomerate, assorted pebbles, granite	1,,,,,		1	37074	1/3.0-1/1.5	sulphides, py and po.	
quartzite, vein quartz in a chloritic	1		 			Sulphildes, by and bo.	
maitrex. 7%-10% sulphides, mostly po	Nil		3.7	35695	157.3-161.0	Conglomerate, chloritic maitrex, 7%	
also some pyrite.	1,71		1-2-1	روورد	1)[-3-101-0	conglomerate, children mattree, 14	
also some pyrite.	1		 			sulphides, mostly po with some py.	
	Nil		1.7	35696	161.0-162.7	Conglomerate, well mineralized with	
			<u> </u>	<u> </u>		coarse po and some associated chalco	
	-		<u> </u>	ļ		in blebs. 10% sulphides.	
	.002		5.3	35697	162.7-168.0	Conglomerate with 10% po with minor p	
	1002	ag	7.7	7,57,	10241 10010	and chalco.	
	Nil	t	5.0	35698	168.0-173.0	Conglomerate, 10% po with minor py	
						and chalco.	
	Nil		3.5	35699	173.0-176.5	Conglomerate, 5% disseminated po.	
176.5-214.0							
Greywacke with occasional pebbles. A							
little disseminated py and po and chalco							
in local seams.	ļ			ļ			
214.0-237.8	-		 				
Grading to impure quartzite, light grey							
with disseminated py common, to typical			1				
brownish Mississagi quartzite.		· · · · · · · · · · · · · · · · · · ·					
219.0-220.6							
Quartz vein, light grey, barren.							
222 2 1/84			 				
223.3 1/8" seam of py, irregular and	1		┼──-				
parallel to the core.			 				
			1				
	1		1				

Markey was the comment

ACTUEDAL CEOLOGY	A	SSAY	SAMPLE		F007465	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
237.8-354.0							
Gabbro, fine grained dark green, massive							
and uniform. Recoming medium fine grained							
from 250 feet. Occasional barren white			<u> </u>				
quartz stringer.							
271.0-272.0					i		
Sheared conglomerate inclusion, 70°							
to the core.				1			
277.0-284.0							
Frequent quartz stringers in this							
section, sulphides absent.							
284.0-306.0							
Gabbro fine grained, altered, white							
calcite stringers present.							
306.0-354.0							
Coarse grained gabbro, massive and							
uniform except for the odd quartz							
stringer.							
354.0							
End of hole.							
			<u> </u>	ļ			
<u> </u>			†				
			<u> </u>				
M. T. C.			<u> </u>	 			
				<u> </u>			

		D.D.H. No	A-16 ine 20E 33S			
PROPE		SECTION				
LATITUDE	STAI	RTED February	14, 1984		DEADING	DEPTH 95.0
DEPARTURE	СОМ	PLETED Februa	ry 15, 1984		DIP -90°	JEF IN
ELEVATION	V.D.		H.D	·		
GENERAL GEOLOGY	ASSAY	SAMPLE	FOOTAGE	ECO	NOMIC GEOLOGY	

	V.D			H.L	J		
	GENERAL GEOLOGY		SSAY	 	MPLE	FOOTAGE	ECONOMIC GEOLOGY
		oz.	VALUE	PEET	NUMBER		
	0.0-5.0 Casing		ļ	 			
<u> </u>			<u> </u>	 	 		
	5-0-6-2		<u> </u>	 			
	Cabbro.			 	 		
	6-2-75-0						
	Sediments, some conglomerate beds with						
	white quartz pebbles over narrow widths						
	Some greywacke and some quartzite beds.						T
<u> </u>	Appears to be brecciated with fragments of				1		
<u> </u>	coarse gabbro included. This gabbro			L			
<u> </u>	breccia similar to that in hole A-10 and			L	L		
<u> </u>	on outroops in that area.			<u> </u>	ļi		
<u> </u>				<u> </u>	1		
<u> </u>	11.6 1 seam of po with minor chalco			<u> </u>	ļ		
<u> </u>	parallel to the core.			ļ	LI		
<u> </u>			ļ	<u> </u>	ļI		
 	16.9-18.5			ļ	ļ		
	Coarse grained gabbro fragment.						
ļ			<u></u>	ļ	ļl		
<u> </u>	25.9–27.8		ļ	 			
<u> </u>	Medium grained gabbro fragment.			 	 		
<u> </u>			ļ	 	 		
ļ	29.6-31.8 " " " " "		 	 	 		
			ļ	 	 		
 -	32.0-33.0		ļ	 	 		
<u> </u>	Redded section, 10° to the core.		ļ	 	 		
<u> </u>			<u> </u>	 	 		
}	33.0-56.0		 		 		
1	Quartzite, light grey, fine dissem po.		ł		1 1]	•

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GENERAL GEOLOGY	^	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	OZ.	YALUE	FEET	NUMBER	FOUTAGE	ECONOMIC GEOLOGI
56.0-75.0						
Sediments, quartzite, conglomerate						
and greywacke beds, includes coarse						
gabbro breccia fragments. Some local						
gabbro breccia fragments. Some local bedding at 30 to the core.						
75.0-95.0						
Quartzite, dark grey to pinkish, no				1		
gabbro inclusions in this section.						
	L_			1		
95.0						
End of hole.	<u> </u>		<u> </u>			
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.		LOCATION 50 Feet South of A-13
PROF	PERTY New Arcadia Explorations Limited	SECTION
LATITUDE	STARTED February 20, 1984	BEARING 90° DEPTH 200.0
DEPARTURE	COMPLETED February 23, 1984	DIP
ELEVATION	V.DH.D	

GENERAL GEOLOGY		SSAY	SA	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	0Z.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-75.0		Ag				
Casing, gravel with a few boulders.						·
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						
throught, parallel to the bedding.			Ī			
90.3-95.0			 			
Chloritic section, 10% chlorite in fine	Nil	Nil	1.3	35700	96.0-97.3	Chloritized section, 10% chlorite wit
seams and as a replacement. Local pyrit						h quartz-chlorite stringers mineral-
						ized with pyrite and soft submetal-
						lic 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
113.9 Fine dissem aspy in altered						in the quartz.
quart zite.						
116.0-122.2			 			
Quartzite, pink, relatively unaltered.						
122.1-123.2	Nil		1.1	56002	122.1-122.2	Wall of vein, 50% white quartz in red
Wall of vein, 50% white vein quartz in						quartzite, also a little pink calcite
red quartzite.						with the quartz. Local py with qtz.
				1		

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	ASSAY		SAI	MPLE		ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
123.2-126.2	Au	Ag					
Quartz vein, grey quartz includes some	•33	•04	1.5		123.2-124.7	Quartz vein with some seams of chlorite	
seams of chlorite. Aspy in quartz as	•37	Metallic	s assa			Arsenupyrite grains in chlorite and in	
well as in the chlorite. Shearing at 30						quartz. A few grains of PbS also noted	
to the core.						along with pyrite. Coarse V.G. noted	
						on splitting core at 124.3 feet.	
	.005	Nil	1.5	56004	124.7-126.2		
		L				Fine aspy in quartz and chlorite,	
		<u> </u>				also coarse po and soft submetallic.	
	 _	ļ <u>.</u>	 _				
	.002		1.2	56005	126.2-127.4		
	<u> </u>				ļ	ional grains of aspy in the more	
	↓	L	 			chloritic sections.	
	<u> </u>	ļ <u> </u>		56006	130 2 335 7		
	.002	↓	3.4	56006	132.3-135.7	Quartzite, altered and chloritized	
	 	ļ				contains blebs of grey quartz which	
	 	ļ	ļ	ļ		are orintated parallel to the core	
		ļ	<u> </u>	ļ		5% quartz with some pyrite, local 4"	
		ļ	<u> </u>	 		grain of aspy. Local fine red ZnS.	
000.0	 	 	 	 	<u></u>		
200.0	 	 	 	 	 		
End of Hole.	 	 	 				
	 	 	 				
	 	 	 	 			
	 	 	 	 			
	 	 	 				
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		D.D.H. No. A-18 LOCATION 50 feet S of A	_ <u>_</u> 17
	TY New Arcadia Explorations Ltd.	SECTION	<u>-</u> -
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
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
0.0-113.0	Au	Ag				
Casing, gravel and boulders.						
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		4				
for the first few feet						
133.7–136.4	.002	Nil	2.7	56007	133.7-136.4	Vein material, grey quartz, mostly
Vein material, mostly cream coloured						cream coloured calcite. Some chlorite
to orange calcite with some grey vein						and an inclusion of gabbro. Sulphides
quartz. Sulphides absent 30° to the						absent. Lower contact at 30 to core.
core.	NT. 7	372 7	7.0	56008	171 0 171 0	
	Nil	Nil	1.8	30000	111.2-113.0	Quartz with some carbonate stringers
173.0-190.0				 		almost parallel to the core. Fine
Gabbro is mineralized with fine			 	 		Py, Chalco, Red ZnS.
sulphides associated with minute quartz	000	NT. 7	7.0	E6000	176 9 170 6	Gabbaa 1/9e
stringers. Chalco, Py Po, Red ZnS and	•002	Nil	1.8	56009	T10.0-T10.0	Gabbro, cut by numerous 1/8" quartz
PbS present.			 			stringers mostly at 70° to the core
				 		some at 30°. Mineralized with Chalco
						Po Py ZnS and some PbS.
				L		

Markstay Drillers

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	A	ASSAY		MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
Cu Ni	Au	Ag					
•09 •03	.002	.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.	
	.002	•02	2.0	56011	184.5-186.5	Gabbro, includes several quartz	
check	.005					stringers up to $\frac{1}{2}$ " at 45° and 20° to	
The state of the s				1		the core. Streiners are well miner-	
			1			alized with Po Py Chalco and specks	
			1			of PbS and ZnS.	
190.0-270.0			1				
Gabbro with sparse py Po and Chalco				1			
and name and Premient quartz etra							
and rare ZnS. Frequent quartz strs. usually at 20° to the core	1			1			
usparity at 20 to the core			1	1			
215.6-218.0	1		1				
Hematized section associated with			 	1			
narrow calcite stringers with specks		·	1	†	<u> </u>		
of Chalco, PbS and ZnS, parallel to	1		†	1			
the core.	1		 	†			
the core.	Nil	Nil	2.4	56012	223-4-225-8	Quartz stringer section, several	
	1111	1144	-5.4	1 20022	223.4 223.0	stringers up to 1" at 20° to the core	
	 		 	 		plus quartz blebs and irregular	
	† 		 	1	 	stringers. A little Po Chalco and a	
228.0-230.3	†		 	1		speck of ZnS.	
Several quartz stringers with Py ZnS	 		 	 		opeon or grow	
	 			 			
and a little PbS.	 		 	 			
239.0-239.7	 		 	 			
White quartz stringers at 45° to the	+		 	 	 		
core. Sulphides rare.	 		 	 	 		
core. Ourburdes Late.	 		 	1	 		
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	
	1.002		1 0.1	1 70013	207.0-207.1		
070.0	 		 	 	 	good ZnS in narrow seams and dissem.	
270.0	 		 	 		in the quartz.	
End of Hole.		i					

PROPERT	ations Ltd.	SECTION A-18				
LATITUDE	STARTED October	19, 1984				
DEPARTURE	COMPLETED October	20, 1984	BEARING East	DEPTH250.0	<u>,</u>	
ELEVATION	V.D.	нD	<u> </u>			

CENERAL CEOLOGY	ASSAY		SAMPLE			TOO NOW GET OF ORY	
GENERAL GEOLOGY	oz.	VALUE	VALUE FEET		FOOTAGE	ECONOMIC GEOLOGY	
0.0-75.0-					<u>.</u> l		
0.0-75.0 Casing, mostly sand and gravel			<u> </u>				
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	Nil		0.9	56027	99.2-100.1	Shear zone 30° to the core, mostly	
Sheared section 30° to the core, some	N			7.22	77	grey vein quartz, some fine pyrite.	
grey vein quartz.							
103.9-113.4	•002		2.1	56028	103.9-106.0	Chloritized shear zone, contact at 30	
Shear zone, 20° to the core to 45°. locally						to the core. 40% grey vein quartz, a	
good grey vein quartz with chloritic shear						little fine Chalco and a speck of	
Local chalco, sometimes coarse.			ļ			arsenopyrite.	
	•005		2.0	56029	106.0-108.0	Chloritized shear zone, 60% grey	
	•005					quartz with carbonate. A little	
						fine Py and chalco.	
	•005		2.4	56030	108.0-110.4	Shear zone, 20% carbonate with fair	
	-00)			7000		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%	
				1		vein quartz and brown carb. Locally good chalco in qts and shear planes.	

Barron Diamond Drilling

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D.D.H. No. A-19

50 feet S and 25 feet W of

LOCATION_

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· ACMEDIAL CEOLOGY	ASSAY		84	MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY	
113.4-162.0	Au	Ag					
Gabbro, mostly coarse grained with a few		-					
fine grained sections.							
			<u> </u>				
113.4-115.3	.002		1.9	56032	113.4-115.3	Gabbro, somewhat sheared, several 1"	
Gabbro, altered and weakly sheared			<u> </u>	<u> </u>		quartz stringers with fine sulphides	
			<u> </u>	ļ	·	also dissem. Chalco in gabbro.	
							
	.002	······································	1.0	56033	115.3-116.3	40% quartz stringers with some coarse	
				 		patches of Chalco.	
120.4 narrow sheared section almost	 		 				
parallel to the core.			 	 			
200 0 105 1	 - 		 	 			
122.0-125.1			 -	 			
Quartzite inclusion, brick red.	1		 	<u> </u>			
125.1-130.4							
Blockey oxidized core.							
130-4-134-0				ļ			
Salmon red quartzite inclusion			<u> </u>	<u> </u>			
	<u> </u>			<u> </u>			
134.0-136.1	Nil		2.5	56034	134.0-136.5	Shear zone, 10% vein quartz with chalc	
Sheared section 45° to the core, some			 -			-opyriteand local PbS and ZnS.	
vein quartz with fair chalcopyrite.	 	· · · · · · · · · · · · · · · · · · ·	 	ļ			
152.8-154.3		· · · · · · · · · · · · · · · · · · ·	 	<u> </u>			
Quartz stringer, 1" at 20° to the core	005	Nil	1.5	56035	152.8-154.3	Quartz stringers at 20° to the core.	
quartz stringer, in at 20 to the core	.002		1 400	1 2002	1)2.0-1)4.5	Specl of V.G. in white quartz at	
	-002		 			153.2. Minor chalco.	
	f		 	<u> </u>		1)3020 MINOI CHOICU	
	.002		3.4	56036	154.3-157.7	Gabbro, becoming sheared at 155.5	
	1.00-		1 2 4	70070	-74-7 -71-1	with quartz and quartz carb stringers	
						at 30 to the core. Silicified with	
		<u> </u>	1			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.	
	<u> </u>	-				some fine chalco.	

	^	SSAY	SAI	MPLE		ECONOMIC CEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
162.0-250.0	Nil		3.3	56038	158.7-162.0	Silicified and weakly sheared zone
Gabbro, coarse grained. Local disseminate						with a little local fine chalco.
Po and chalco.						
165.8 narrow shear at 30° to the core						
	-002		2.3	56039	187.0-189.3	Quartz stringers mostly at 20° to
			<u> </u>	ļ		the core. White quartz is barren
			!			except for one narrow stringer with
			ļ	ļ	 	speclk of pyrite and aspy.
			ļ			(0)
	.002		1.0	56040	217.2-218.2	Quartz stringers mostly at 60° to the
			}	 		core. Chlorite and some py and po
			├ ──			and chalco in the quartz.
	000			56043	227 2 220 2	Garage Automore at 450 and
	.002		2.0	56041	231.0-239.0	Several quartz stringers at 45° and 60° to the core. Local coarse Po
	 		 -	 	<u> </u>	and chalco in the quartz.
			 	 		and charco in the quartz.
050.0			 			
250.0			 			
End of Hole.			 			
			 	 		
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PROPERTY	New	Arcadia	Explorations	Limited

	October	22, 1984			
LATITUDE	STARTED_October	22, 1944	BEARING East	DEPTH_300.0	
DEPARTURE	COMPLETED Octob	per 23, 1984	DIP -60°		
ELEVATION	V.D	нр			

ATUTAL CTOLOGY	ASSAY		SAI	MPLE		FOOLOGY CEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
0.0-49.0							
Casing							
		L					
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	 		<u> </u>				
bedding at 45° to the core.							
117.6 ½" quartz stringer with coarse Po	<u> </u>						
	 			ļ			
131.3 uquartz stringer at 60° to the	 		<u> </u>				
core with some coarse pyrite.	-		ļ	ļ			
	 		 				
162.5 2" white quartz stringer with	 		ļ	-			
some coarse pyrite.	Nil		0.6	56042	171.4-172.0	White quartz vein with some blebs of	
	 		ļ			pyrite.	
212.0-237.3	-		ļ				
Quartzite becoming very broken and blo-			ļ				
ckey.	 						
	 						
237.3-238.2	 		 -				
Fault gouge.			 	ļ			
238.2-300.0	001	Nil	1.3	56043	238 7-240 0	Pink calcite stringers and quartz	
Gabbro, coarse grained, altered with	.002	1141	1.5	1 20043	2,001-240.0	stringers in altered gabbro.	
pink calcite stringers to 240.7, then	-002					Sellukers in erreten Kennin.	
	 		 -				
becoming fresh							

Barron Diamond Drilling

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D.D.H. No.___A-20

LOCATION 50 . feet W of A-17

	_ ^	SSAY	BA	MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGY	OZ.	VALUE	FEET	NUMBER				
260.2-261.2	Nil		1.0	56044	260.2-261.2	Quartz stringers at 30 to the core with a little chalco and some Po in		
Quartz stringers at 30 to the core						with a little chalco and some Po in		
with some chalco and po.						the quartz.		
261.2-300.0								
Gabbro contains frequent narrow qtz-								
hematite stringers, usually with some								
chalco, mostly at 10 to the core.								
00.0								
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			 	-	<u> </u>			
			<u></u>					
	260.2-261.2 Quartz stringers at 30 to the core with some chalco and pe.	260.2-261.2 Nil Quartz stringers at 30° to the core with some chalco and po. 261.2-300.0 Gabbro contains frequent narrow qtz- hematite stringers, usually with some chalco, mostly at 10° to the core.	260.2-261.2 Nil Quartz stringers at 30 to the core with some chalco and po. 261.2-300.0 Gabbro contains frequent narrow qtz- hematite stringers, usually with some chalco, mostly at 10 to the core.	260.2-261.2 Quartz stringers at 30 to the core with some chalco and po. 261.2-300.0 Gabbro contains frequent narrow qtz- hematite stringers, usually with some chalco, mostly at 10 to the core.	260.2-261.2 Quartz stringers at 30° to the core with some chalco and po. 261.2-300.0 Gabbro contains frequent narrow qtz- hematite stringers, usually with some chalco, mostly at 10° to the core.	260.2-261.2 Quartz stringers at 30° to the core with some chalco and po. 261.2-300.0 Gabbro contains frequent narrow qtz- hematite stringers, usually with some chalco, mostly at 10° to the core.		

P	RC	P	E	R	T	New	Arcadia	Explorations	Ltd.
		_		-					

PROPER	New Arcadia Explorations Ltd.	SECTION
LATITUDE	STARTED_October 24, 1984	BEARING East DEPTH 250.0
DEPARTURE	COMPLETED October 30, 1984	DIP -60°
ELEVATION	V.D H.D	

GENERAL GEOLOGY	^	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-91.0						
Casing gravel and many boulders.						
91.0-94.3	Nil		3.3	56045	91.0-94.3	Shear zone 30 to the core, 30% white
Sheared section, irregular quartz and						carb and grey quartz. Rare speck of
carbonate stringers throughout. Shearing			<u> </u>			very fine sulphides.
at 30° to the core.			ļ			
94,3-250.0						
Gabbro, medium coarse grained with local						
disseminated Po and Chalco.						
98.4 $1\frac{1}{2}$ quartz stringer at 60° to the	 		 			
core, no sulphides.						
102.5-104.5	.002		2.0	56046	102.5-104.5	Shear zone, chloritized with grey
Shear zone strongly sheared at 30° to	.002		 			quartz and white carb. Minor very
the core.						fine sulphides.
	Nil		2.1	56047	104.5-106.6	Altered gabbro with fairly frequent
						white carb stringers usually at 30
						to the core. Some fine sulphides.
110.0-112.7						
Quartzite inclusion partly digested,						
salmon pink.			I			
114.0-115.4	1-		 -			
Quartzite inclusion, top contact at 10						
to the core.						
]			

Barron Diamond Drilling

Paul "Mi fee

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D.D.H. No. A-21

LOCATION 50 feet S of A-19

CONTRACTOR

OFNICOAL COALOGY	AS	ASSAY 8		MPLE	FOOTAGE	ECONOMIC CEOLOGY
GENERAL GEOLOGY	OZ.			NUMBER		ECONOMIC GEOLOGY
119.2-123.4	.002	Nil	4.2	56048	119.2-123.4	Shear zone, mostly 45 to the core.
Shear zone, 45° to the core. 20% white						20% white carb in irregular stringers
carbonate in irregular stringers and						Considerable fine Chalco on shear
patches. A little grey quartz also.						planes.
704.0.30						
124.0 l" quartz stringer at 45°, minor			3 2	E5040	100 8 121 0	Character As Aba and Barrer
sulphides.	Nil		1.2	56049	129.0-131.0	Shear zone 45 to the core. Frequent
						carb stringers and some grey quartz.
- A						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	.002		3.4	56050	141.2-144.6	Sheared and altered zone with irregula
Sheared and altered zone, silicified	1002		3.4	75575		r carb stringers and several grey
with irregular carb stringers and						quartz stringers up to 1" with a
farily frequent quartz stringers						little sulphide. Some Chalco on the
usually at 30° to the core. Fine		·				shear planes.
chalco throughout.	 		 -		,	Shoul planes.
Chaico shi oughous.	-002		3.0	56051	144-6-147-6	Silicified shear zone with frequent
	•002		7.0	1,000	144.0-141.0	carb stringers and some grey quartz
				 		with chalco. Fine chalco on shear
	 				<u> </u>	planes throughout.
		·				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.						
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	A	SSAY	BAMPLE			ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	YALUE	PERT	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
210.0 3" quartz stringer 45° to the core with some Po and Py.							
core with some Po and Py.							
211.0 l" quartz stringer at 60° to							
the core with Po.							
225.6-229.8	.002		4.2	56053	225.6-229.8	Quartz stringer grey to white with	
Quartz stringer, top contact almost						some vuggy sections.	
parallel to the core, lower contact			<u> </u>				
Quartz stringer, top contact almost parallel to the core, lower contact 250at 30°.			<u> </u>				
End of hole.			<u> </u>				
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	D.D.H. No. <u>A-22</u>
	LOCATION 200 feet E of A-19
-	SECTION
•	
	BEARING West DEPTH 400.0

PROPERTY New Arcadia Explorations Ltd.

LATITUDE	STARTED November 1, 1984	
		BEARING
DEPARTURE	COMPLETED November 2, 1984.	DIP
ELEVATION	V.D H.D	······

O.0-84.0 Casing, sand and gravel 84.0-400.0 Gabbro, coarae grained massive and uniform with occasional narrow quartz stringers. 94.5 ½" quartz stringer with coarse chalco and Po at 45 to the core.	GENERAL GEOLOGY	A	SSAY	SA	MPLE		
Casing, sand and gravel 84.0-400.0 Gabbro, coarse grained massive and uniform with occasional narrow quartz stringers. 94.5 % quartz stringer with coarse chalco and Po at 45° to the core.			VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
84.0-400.0 Gabbro, coarae grained massive and uniform with occasional narrow quartz stringers. 94.5 ½ quartz stringer with coarse chalco and Po at 45 to the core. 95.5 ½ quartz stringer with coarse chalco and Po at 45 to the core. 96.5 ½ quartz stringer with coarse chalco and Po at 45 to the core. 97.5 ½ quartz stringers up to 2" at 50 to the core. 97.5 ½ quartz stringers up to 2" at 50 to the core. 98.5 ½ quartz stringers up to 2" at 60 to the core, coarse po, chalco and some pyrite. 99.5 ½ quartz stringers up to 2" at 60 to the core, minor po and chalco. 99.5 ½ quartz stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz carb stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz carb stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz carb stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz carb stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz carb stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz stringers in gabbro at 45 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2" at 60 to the core, rine aspy. 99.5 ½ quartz stringers up to 2"	0.0-84.0	Au	Ag				
Gabbro, coarae grained massive and uniform with occasional narrow quartz stringers. 94.5 2" quartz stringer with coarse chalco and Po at 45" to the core. 95.5 2" quartz stringer with coarse chalco and Po at 45" to the core. 96.5 2" quartz stringer with coarse chalco and Po at 45" to the core. 97.5 2" quartz stringers up to 2" at 500 to the core. 98.5 2" quartz stringers up to 2" at 500 to the core. 99.5 2 56054 136.3-137.5 Several quartz stringers up to 2" at 300 to the core. Coarse po, chalco and some pyrite. 99.5 2 56059 148.0-149.0 Quartz carb stringers in gabbro at 450" to the core. Fine aspy. 99.5 2 7 140.1 Possible Possi	Casing, sand and gravel						
Gabbro, coarae grained massive and uniform with occasional narrow quartz stringers. 94.5 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 .005 30" to the core. Coarse po, chalco and some pyrite. Quartz stringers up to 2" at 60" to the core, minor po and chalco. 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 strs. 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 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor				<u> </u>			
with occasional narrow quartz stringers. 94.5 ** quartz stringer with coarse chalco and Po at 45 to the core.				<u> </u>			
94.5 ½" quartz stringer with coarse chalco and Po at 45° to the core. .005 .005 .005 .005 .005 .005 .005 .				<u> </u>			
chalco and Po at 45° to the core. 1.2 56054 136.3-137.5 Several quartz stringers up to 2" at .005 30° to the core. Coarse po, chalco and some pyrite. 10.7 140 Quartz stringers up to 2" at 60° to the core, minor po and chalco. 10.7 140 Quartz carb stringers in gabbro at .002 Nil 1.0 56059 148.0-149.0 Quartz carb stringers in gabbro at .45° to the core. Fine aspy. Nil Nil Nil 1.7 56060 149.0-150.7 Gabbro with occasional quartz strs. 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 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral-Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor	with occasional narrow quartz stringers.			<u> </u>			
chalco and Po at 45° to the core. 1.2 56054 136.3-137.5 Several quartz stringers up to 2" at 30° to the core. Coarse po, chalco and some pyrite. 10.7 140	04.5			<u> </u>			
.005 1.2 56054 136.3-137.5 Several quartz stringers up to 2" at .005 30" to the core. Coarse po, chalco and some pyrite. 130.7-140.1	94.) 2" quartz stringer with coarse			 			
.005 .005 .005 .005 .006 .007 .008 .008 .008 .008 .009	chalco and Po at 45 to the core.	005		1 2	5(054	336 3 337 -	
and some pyrite. 130.7 140.1 20 and some pyrite.				1.2	56054	136.3-137.5	Several quartz stringers up to 2" at
Quartz stringers up to 2" at 60° to the core, minor po and chalco. Nil Nil 1.7 56060 149.0-150.7 Gabbro with occasional quartz strs. speck of V.C 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 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor		1.005		 			30 to the core. Coarse po, chalco
core, minor po and chalco. OO2 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 strs. 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 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor		 		 	-		and some pyrite.
core, minor po and chalco. OO2 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 strs. 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 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor	Openty etringers up to 2" at 60° to the			 			
.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 strs. 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 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral- Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor	core, minor no and chalco.	1		 	1		
Nil Nil 1.7 56060 149.0-150.7 Gabbro with occasional quartz strs. speck of V.C at 148.9. some aspy. Nil Nil 3.8 56061 150.7-154.5 Gabbro with some dissem aspy. 154.5-157.4 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral— Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor	0010, 111101 pr	-002	Nil	1.0	56059	148.0-149.0	Quartz carb stringens in school at
Nil Nil 1.7 56060 149.0-150.7 Gabbro with occasional quartz strs. 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 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral- Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor		1		=	75022	140.0 - 147.0	45° to the core Pine serve
speck of V.C at 148.9. some aspy. Nil Nil 3.8 56061 150.7-154.5 Gabbro with some dissem aspy. 154.5-157.4 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral— Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor				†			i
Speck of V.C at 148.9. some aspy.		Nil	Nil	1.7	56060	149.0-150.7	Gabbro with occasional quartz strs.
Nil Nil 3.8 56061 150.7-154.5 Gabbro with some dissem aspy. 154.5-157.4 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral— Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor							
154.5-157.4 Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor							
154.5-157.4 Nil nil 2.9 56055 154.5-157.4 Calcite stringer zone nearly paral- Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor		Nil	Nil	3.8	56061	150.7-154.5	Gabbro with some dissem aspy.
Irregular calcite stringers in altered gabbro, almost parallel to the core. Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor							
Irregular calcite stringers in altered ell to the core Specks of silvery gabbro, almost parallel to the core. mineral throughout (aspy) Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor		Nil	nil	2.9	56055	154-5-157-4	Calcite stringer zone nearly paral-
Nil 1.2 56056 157.4-158.6 Gabbro, mostly unaltered with minor							
The state of the s	gabbro, almost parallel to the core.			<u></u>			mineral throughout (aspy)
The state of the s							
		Nil	_	1.2	56056	157.4-158.6	
							calcite stringers. A few small grain
s of arsenopyrite.	•						s of arsenopyrite.

Barron Diamond Drilling

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ATTITUTE OF COM	ASSAY		BAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
	.002	Nil	3.9	56057	158.6-162.7	Gabbro, brecciated with patches of	
						pink calcite in maitrex. Fine grains	
						of aspy throughout, mostly in gabbro	
						some in calcite. local chalcopyrite.	
	.002		0.8	56058	160 7 160 5	Gabbro, a few narrow calcite threads	
	.002		10.0	30030	102-1-103-5		
	 		 	 		a little dissem aspy.	
	Nil	Nil	4.5	56062	188-0-192-5	Altered gabbro, 20% white calcite in	
	1,722	112-	1 3.7	70002	10000 1/20	irregular patches. A few small aspy	
			<u> </u>			grains.	
			1			5104110	
200.4-203.7	Nil	Nil	3.3	56063	200.4-203.7	Altered section with white calcite	
Altered section with calcite stringers			<u> </u>			and some quartz stringers. A little	
and blebs also some vein qtz.			<u> </u>			disseminated chalco and specks of	
			ļ			aspy.	
			ļ			σ	
	.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.	
				ļ			
	.002	Nil	2.6	56066	227.4-230.0	Gabbro, relatively unaltered, specks	
	.002					of Aspy, minor cjalco and po.	
230.0-237.5	Nil	Nil	4.0	56067	230-0-234-0	Altered carbonate rich section with	
Gabbro becoming altered, frequent			1 7	1 2 1		white calcite stringers. Fine po and	
white calcite stringers.						chalco, specks of aspy.	
	.002	Nil	3.5	56068	234.0-237.5		
	 		 	 		calcite stringers. Fine chalco and	
			 -	<u> </u>		specks of aspy	
237.5-241.7	.002	Nil	1.8	56069	237.5-239.3	Altered quartzite inclusion, coarse	
Possible altered quartzite inclusion						grains of Aspy.	
possible aftered quartitie inclusion							

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GENERAL GEOLOGY	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
	.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	1					
with some vein quartz, sulphides rare.						
244.2-251.9	.002	Nil	1.0	56071	250.9-251.9	Gabbro, contains slip at 45° to the
Gabbro, mostly unaltered but some			<u> </u>			core with aspy.
white carbonate stringers locally.	<u> </u>		<u> </u>		<u> </u>	
Weakly sheared at 45 to the core.						
251.9-258.7	Nil	Nil	3.0	56072	253.8-256.3	Alterered carbonated zone with some
Becoming altered, fine grained with			<u> </u>			fresh gabbro included. 3" grey quartz
frequent carbonate stringers and some			<u> </u>			stringer, minor chalco.
grey quartz stringers somewhat						
sheared at 45° to the core.	.002	Nil	2.4	56073	256.3-258.7	Altered carbonate zone, carb stringers
		<u> </u>		<u></u>		at 30° to the core. Dissem chalco
	<u> </u>	<u> </u>	<u> </u>			and a grain of aspy.
			<u> </u>		ļ <u> </u>	
258.7-281.2	.002	Nil	2.0	36074	258.7-260.7	Shear zone, 60% grey quartz, not
Shear zone, shearing about 45° to the		<u> </u>	L			mineralized except for a few grains
core 70% grey vein quartz.	\downarrow			<u> </u>		of galena.
	↓					
	.002	Nil	2.3	56075	260.7-263.0	
		L	<u> </u>			some pink calcite stringers included.
	↓	L		L		Local chalco with calcite stringers.
			L		0/3 0 0//	
	-02	Nil	3.0	56076	263.0-266.0	0000010101
	.01		L	<u> </u>		pink calcite stringers. A few grains
	 			<u> </u>		of galena and a speck of aspy.
	ــــ		 	57000	A// A A/A 3/	
	-002	Nil	3.0	56077	266.0-269.0	
			<u> </u>			calcite stringers. Rare grain of aspy.
	 	<u> </u>	 	F7030	0/0 0 070 0	
	•002	trace	3.0	56078	269.0-272.0	75% vein quartz in shear, some pink
		1	l			calcite with the quartz.

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· CENTERAL CENTOCK	ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	FEET	FEET NUMBER FOOTAGE		ECONOMIC GEOLOGI	
	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, becom-	
						ing more carbonatized. Fairly	
				1		frequent fine grains of Aspy and a	
						few grains of PbS in the quartz.	
			<u> </u>				
	.02	Nil	3.2	56081	278.0-281.2	90% grey vein quartz, some coarse	
	.01		I			chalco in last half of the sample.	
						Also a few grains of aspy in quartz.	
281.2-291.4	Nil	Nil	1.0	56082	281.2-282.2	Shear zone, carbonatized with narrow	
Shear zone highly carbonatized with						quartz stringers with some chalco.	
occasional grey quartz lenses.						Some fine aspy.	
					<u> </u>		
	.002	Nil	1.8	56083	282.2-284.0	Shear zone, carbonatized with	
				<u> </u>		frequent white calcote stringers.	
			<u> </u>	<u> </u>		Good arsenopyrite in lath like Xtals.	
			<u> </u>	<u> </u>			
	Nil	Nil	1.3	56084	284.0-285.3	Carbonatized shear zone with freque-	
						nt 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		Nil	4.6	56087	291.4-296.0	Gabbro, some chalco and po and aspy .	
Gabbro, fresh in appearance with the							
odd very narrow calcite stringer.							
Disseminated sulphides.							
297.5-300.6	Nil	Nil	2.1	56088	297.5-300.6	Altered and somewhat sheared with	
Altered and somewhat sheared section			1	T		pink calcite stringers. Specks Aspy.	

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	A	SSAY	SA!	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	FEET	NUMBER		ECONOMIC GEOLOGY
with pink calcite stringers, shearing at 45° to the core.	Au	Ag				
at 45° to the core.						
			L			
300.6-302.9						
Gabbro, relatively fresh		Nil	1.3	56089	300.6-302.9	Gabbro fresh with minor calcite
			<u> </u>			stringers. Some dissem chalco and
	<u> </u>					a few specks of aspy.
	1		<u> </u>			
302.9-305.3	1					
Altered gabbro with pink calcite						
stringers		Nil	2.4	56090	302.9-305.3	Altered gabbro with frequent pink
	<u> </u>					calcite stringers. Rare speck of aspy.
	<u> </u>		 	 		
305.3-400.0	Nil		1.0	56091	345.3-346.3	Quartz stringers at 30° to the core
Gabbro, a few calcite stringers to	.002		 	ļ		with good chalco and several grains
308, then becoming massive and	Nil					of V.G. at 345.9
uniform with the odd quartz and	Nil		↓_	ļ		
calcite stringer.	 		 	ļ		
	 		 	ļ		
355.5-356.0	<u> </u>		<u> </u>		. <u> </u>	
Quartz stringer at 30° to the core				ļ		
minor po.		L	 	 		
	<u> </u>	ļ	 	ļ		
400.0	<u> </u>	ļ	<u> </u>			
End of Hole.	↓	<u> </u>		1		
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-	D.D.H. No. <u>A-23</u>
	LOCATION 100 feet S and 50 feetw of A-22.
	SECTION

PROPERTY New Arcadia Explorations Ltd.

LATITUDE	STARTED November 2, 1984	BEARING West DEPTH_250.0
DEPARTURE	COMPLETED November 3, 1984	DIP60°
ELEVATION	V.D H.D	

	ASSAY		SAMPLE		5007107	
	oz.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-63.0	Au	Ag				
Casing, sand and gravel						
63.0-195.7						
Gabbro, medium coarse grained, mostly						
massive and uniform in appearance.						-7
Occasional quartz stringers usually at 30°			<u> </u>	L		
to the core.			<u> </u>			
	 					
105.8 8" quartz carbonate stringer at			<u> </u>			
45° to the core.			 	ļi		
126.7 5" grey quartz stringer with	Nil	Nil	0.8	56092	126.6-127.4	Quartz stringer and some altered
126.7 5" grey quartz stringer with some chalco, 60° to the core.						carbonate wall rock. A little chalco
						and pyrrhotite.
100 7 127 2	Nil	Nil	4.0	56093	128.7-132.7	Altered carbonatized gabbro with fine
128.7-136.3	MIT	MII	4.0	70093	120-1-132-1	carbonate threads. Some pyrite and
Altered carbonatized gabbro with fine	-		 	 -		chalco and a few specks of Aspy
white calcite threads, weakly sheared	-		 			throughout.
at 45° to the core.	 		 			throughoute
	Nil	nil	3.6	56094	132.7-136.3	Altered carbonatized section, sparse
						Py, Po and a speck of aspy.
136.3-138.3						
Gabbro, fresh with a little dissem. Po			1			
and chalco.						
	Nil	Nil	3.3	56095	138-3-141-6	Altered carbonated zone as above, a
						few specks of Aspy, Py and chalco.
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Barron Diamond Drilling

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CENEDAL CENTOCY	^	SSAY	BA	MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	YALUE	FEET	NUMBER	FOUTAGE	ECONOMIC GEOLOGY	
	Nil	Nil	3.2	56096	155.7-158.9	Sheared and altered c arbonatized	
			<u> </u>			section, 45° to the core. Fine pyrite	
						and specks of aspy.	
			<u> </u>				
163.5-166.0			<u> </u>				
Sheared and carbonatized section.			<u> </u>	<u> </u>			
sulphides absent.					· · · · · · · · · · · · · · · · · · ·		
			<u> </u>				
178.8 2" quartzite inclusion.	-		 				
105 7 014 4	.002	Nil	1.3	56097	105 7 107 0	Shear zone, 60° to the core some grey	
195-7-214-4	.002	NA	1 4.	1 20091	195.1-191.0		
Shearzone, shearing mostly at 60° to the	1.002		 	 		quartz and narrow calcite stringers.	
core. 25% vein quartz with carbonate and	Nil	Nil	1.0	56098	107 0 109 0	Chan see includes On white enlocks	
carbonatized sections.	INTT	NII	1 de V	20040	131-0-130-0	Shear zone, includes 2" white calcite	
	1		1			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 aspv.	
	Nil	Nil	2.4	56100	201.8-204.2	Shear zone, 80% grey quartz with some	
			<u> </u>			pink calcite. A few fine specks of	
			<u> </u>			aspy, mostly on shear planes, rare	
	_		 			in the quartz.	
				5(2.12			
	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	
	111		1	70244	20100 20701	grains of aspy in shear, also chalco	
						and Po.	
	.002	Nil	2.2	56145	209.7-211.9	Shear zone, carbonatized, includes	
	 		 			a 2" quartz stringer with chalco and	
		-,				aspy.	
	Nil	Nil	2.5	56146	211 0-214 4	Shear zone, highly carbonatized with	
	 **		1 - 5 - 7	70140	C1107-C1404	carbonate stringers and threads and	
	1		 	 		also some narrow quartz stringers.	
	1		 	 		Sparse sulphides. Afew specks aspy.	
				1 1		Sparse sulphides. Hiew specks dspy.	

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- CTUTAL CTOLOGY	•	SSAY	SA	MPLE	FOOTAGE	FCONOMIC CEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
214.4-250.0						
Cabbro, medium coarse grained.						
226.5-227.5	!		 			
Sheared section with a little grey guartz and minor chalcopyrite.						
quartz and minor chalcopyrite.			 			
	 		ļ			
234.0 l" quartz stringer with good chalco and po. and a few grains	ļ	 				
chalco and po. and a few grains	 -	ļ	├──			
of aspy.	⊢—		 			
	 			 		
250.0	 	 				
End of hole.			 			
		 	 			
	 		 	 		
			†	 		
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Barron Diamond Drilling

PROPERT	Y New Arcadia Explorations Limited	SECTION
LATITUDE	STARTED November 4, 1984	BEARING West DEPTH 330.0
DEPARTURE	COMPLETED November 6, 1984	DIP -60°
ELEVATION	V.D H.D	_

GENERAL GEOLOGY	^	SSAY	Y SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGI		VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-84.0						
Casing, sand, gravel and boulders.						
	L					
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				1		
vein quartz with a little py and po.						
	Nil		3.5	56177	92.0-95.5	Sheared and altered section, silicif-
						ied, 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.			ļ			
166.2 Narrow quartz stringer with red				 		
Zns.						
μων						
218.8–222.4						
Altered, carbonatized and weakly						
sheared at 45 to the core. Minor						
sulphides.			1	ı T		

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D.D.H. No. A-24

LOCATION 50 feet S of A-22

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APUIDAL AFALACY	A	SSAY	SAMPLE		F00746F	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	07.	OZ. VALUE		NUMBER	FOOTAGE		
218.9-219.5							
Altered talcose section, some vein quart	z						
Sulphides absent.							
042.2.009.7	Nil		1-	56179	243.3-245.3		
243.3-268.7			2.0	20110	243.3-243.3	Shear zone, carbonatezed, a little	
Shear zone, well sheared from 60 to 45			 	 -		vein quartz and carb stringers. Fine	
to the core. A little vein quartz			 	 	<u> </u>	sulphides.	
throughout but less than in holes A-22	-	<u> </u>			2.5.2.2.2	 	
A-25 and A-27.	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-	
	.002					ized and silicified, minor vein	
						quartz, sulphides rare.	
	 		-	563.03	050 3 050 3		
	Nil		2.2	56181	250.1-252.3	Shear zone, highly sheared, fine	
				 		dissem. ZnS in shear. Several quartz	
	4	ļ	ļ	<u> </u>	ļ	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	
257.1-260.6				1	1	pyrite and chalco.	
Weakly sheared and much less altered				1	1		
section.	.002		4.2	56183	260.6-264.8	Highly altered carbonatized section	
	13335		7	1232	20000	a few fine sulphides, white carb.	
						stringers.	
				7.500			
	.002		3.9	56184	264.8-268.7	Highly altered section, Dissem.	
	-					chalco and Po. A little grey vein	
			L	L		quartz present.	
268.7–330.0			L		<u> </u>		
Gabbro, medium grained, green with							
Disseminated Po and Chalco locally.	+		 				
270•7-271•0	+			 			
Sheared section at 45 to the core.	1		 	 	 		
Sucarea Securou at 4) to the cores			 	 			
301.0 1" quartz stringer at 45° to							
the core, good chalco and ZnS.]]			
330.0 End of hole.				L	L	<u> </u>	

•			LOCATION 50 feet North of	of A-22
PROPERTY	Y New Arcadia Exp	lorations Ltd.	SECTION	-
ATITUDE	STARTED November 6	, 1984	BEARING West DEPTH_	350.0
EPARTURE	COMPLETED Novembe	r 8, 1984	DIP -60°	
LEVATION	V.D	H.D		

	1	SSAY	SA	MPLE		
GENERAL GEOLOGY	OZ.	VALUE	PERT	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-101.0	Au	Ag				
casing, sand, gravel and boulders.						
101.0-176.9						
Gabbro, medium coarse grained, greenish			<u> </u>			
massive with the occasional quartz and			<u></u>			
carbonate stringer.	 	-	 			
103.0-105.2	Nil	Nil	2.3	56147	103.0-105.3	Gabbro with quartz carb. stringers
Quartz and carbonate stringers mostly						which are well mineralized with Py
Quartz and carbonate stringers mostly parallel to the core, some at 60						and chalco.
105-2-151-5						
Cabbro 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						
pink calcite stringer with Py, chal-	co					
and some aspy.						
158.6 Narrow sheared section; 45 to						
the core.						
174.9-176.9			 			
Weakly sheared and carbonatized, minor						
sulphides.						

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GENERAL GEOLOGY	^	SSAY	+	MPLE	FOOTAGE	ECONOMIC GEOLOGY	
	OZ.	VALUE	PEET	NUMBER			1
176.9-190.2	Au	Ag					
Altered, highly carbonatized zone, Shear	ing	L		1			
20 to the core. Frequent white carb.	Nil	Nil	5.0	56148	176.9-181.9	Altered section somewhat sheared at	
stringers and threads, also some grey				1		20° to the core. 20% white carb.	.
quartz stringers.			<u> </u>	1		stringers and quartz carb. stringers.	
			1			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	
			1	<u> </u>		frequent white carbonate stringers	
	<u> </u>					Chalco on shear planes.	
							1
	-005	.01	3.3	56150	186.9-190.2		1
	.01					with more frequent grey quartz stri-	<u>.</u>
		ļ	<u> </u>	↓		ngers in this section. Considerable	
			<u> </u>			fine galena in quartz at 189.8. Fine	
			1		<u></u>	chalco on shear planes.	1
							1
199.6-216.6	Nil	Nil	5.0	56151	199.6-204.6	Altered section, 20% white carbonate	_
Altered and sheared section, frequent			<u> </u>	_		stringers and patches, minor quartz	Post of the section
carbonate stringers. Shearing varies			<u> </u>			Sparse chalco and pyrite.	
from 10 to 30 to the core. Rare sulphi	₫e	<u> </u>	 				1
	1		 	5(155	201 (200 (4
	Nil	Nil	5.0	1 20125	204.6-209.6	Altered and sheared section, includes	
		 	 	 		one foot of unaltered gabbro. Strongly	4
	 		+-	_		sheared at 25 to the core. Sulphides	4
			 	 		rare.	4
	W = 7	Nil	3.2	56152	200 6 212 8	Altered shear zone, shearing 10° to	-
	Mil	NII	3.2	20123	209.0-212.0		1
	+	 	 	 		20 to the core. Increased white Carb.	1
	+	 	 	 		stringers, local grey quartz. A little	1
	+	ļ	-	 		chalco in quartz, otherwise barren.	1
	N- 1	Nri 1	3.8	56154	212.8-216.6	Altered shear zone, 10° to 20° to the	1
	Nil	Nil	1 3.0	70174	212.0-210.0	Altered shear zone, 10 to 20 to the	1
	 		-	 		core, frequent carb stringers alomst	1
	+	_	 	 		parallel to the core. Rare sulphides.	1
	- 			 		A little grey vein quartz.	1
216.6-243.0			 	 			1
Gabbro, medium grained, fresh and uniform with the odd carb. stringer.	-			ļ			
	1	Ī	I	1			1

CENTERAL CEOLOGY	A	SSAY	SA	MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	FEET	NUMBER	FOOTAGE		
243.0-252.3	Au	Ag					
Zhear zone, mostly 45° to the core,	Nil	Nil	1.0	56155	243.0-244.0	Shear zone, 50% grey vein quartz. Pale	
includes short sections of unsheared						yellow mineral noted in shear and	
gabbro.						coated on guartz (possibly brass off	
						the shell?)	
	Nil	Nil	2.3	56356	244 2 246 3		
	- NTT	NII	1-6.3	20120	244.0-246.3	Shear zone, includes 1 foot of un-	
			 	 		sheared 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	
			<u> </u>	<u> </u>	ļ	vein quartz in stringers and blebs.	
			 	<u> </u>		Some chalco in the quartz.	
	Nil	Nil	1.9	56158	250.4-252.3	Shear zone, weakly sheared, includes	
	7					a 6" quartz carb vein with a little	
						aspy.	
				 			
252.3-256.0 Gabbro, somewhat carbonatized.	+		 				
Gappro, Somewhat Carbonatized.							
256.0-260.6	.12	.01	4.6	56159	256.0-260.6	Shear zone, strongly sheared at 60° to	
Shear zone, 60° to the core. Carbonate	.11					the core. Coarse leaf of reddish	
stringers and some grey quartz.	.15		<u> </u>			mineral (possibly native Cu?) on shear	
			L	ļ		plane at 260.5 feet.	
Co Pb			<u> </u>				
.006 .01	.002	•02	2.4	56160	260.6-263.0	Highly altered gabbro well mineralized	
				ļ		with Po and chalco and Aspy.	
	.002	.01	2.6	56161	263.0-265.6	Gabbro, relatively unaltered but	
	1.002	•01		70101	203.0-203.0	mineralized with patches of Po and	
	+		t	 		chalco which include frequent grains	
	+		 	-		of aspy.	
			 			or aphi.	
	Nil	.01	2.4	56162	265.5-268.0		
	4					po and chalco and a few grains of Aspy	
268-0-282-1	1-000	**: 3	 	F(2/2)	260 0 060 5		
Cabbro fresh and uniform with some	-002	Nil	1.5	56163	268.0-269.5		
disseminated sulphides.	} {		1	1	•	sulphides, rare grain aspy.	

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Section 1

	A	BSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	FERT	NUMBER	POOTAGE	ECONOMIC GEOLOGI	
282.1-303.5	Nil	Nil	2.8	56164	282.1-284.9	Shear zone, 20% grey quartz and white	
Shear zone, shearing from 45 to 60 to						and pink calcite. Not mineralized	
the core. 50% grey vein quartz with pink						except for a few non metallic grains.	
calcite present.							
	Nil	Nil	2.8	56165	284.9-287.7	Shear zone, 20% pink calcite with	
						some grey quartz also present. Sulph-	
						ides absent.	
	Nil	Nil	3.0	56166	287.7-290.7	Quartz vein, some pink calcite include	
						d 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.							
			1				
224.7 4" sheared section with grey qtz							
60° to the core.							
333.5-350.0	.002	Nil	2.2	56170	333-5-335-7	Shear zone, 25% grey vein quartz, some	
Shear zone, top contact at 60° to the						chalco in quartz and also in shear. A	
core, shearing from 30° to 45° to the						little pyrite.	
core. 20% vein quartz and carbonate.							
	Nil	Nil	3.3	56171	335.7-339.0	Shear zone, weakly sheared, altered	
						carbonatized, fine chalco and local	
						specks of aspy.	
	<u> </u>		<u> </u>	<u> </u>	<u></u>		

GENERAL GEOLOGY	^	SSAY	SA	MPLE	FOOTAGE ECONOMIC GEOLOGY		
GENERAL GEOLOGY	07.	VALUE	FEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY	
	.002	Nil	2.2	56172	339.0-341.2	Altered zone, somewhat sheared	
						local fine chalco and a few grains	
						of aspy.	
			L				
	.002	Nil	1.6	56173	341.2-342.8	Bleached and altered section with	
				ļI		some grey vein quartz and carb. Aspy	
				 		and py in local coarse blebs.	
	Nil	Nil_	2.2	56174	342.8-345.0	Altered material, some grey quartz	
	-}			 		with a few grains of aspy.	
		19:3		5/275	245 0 047 4		
	.005	Nil	2.4	56175	345.0-241.4	Altered sheared material well carb-	
	.005		 			onatized with some grey quartz. Local	·
			 			chalco and the odd grain of Aspy.	
	.002	Nil	2.6	56176	347 4-350 0	Mostly vein quartz, contains two	
	1.002			70210	J47.4-170.0	coarse blebs of aspy in quartz with a	
						little ZnS. Last 2" is sheared materia	
						11.	
							and the state of t
350.0							
End of hole.							
Should have gone deeper, still in the							
shear zone.							
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		LOCATION 50	feet South of A-23
PROPERTY	New Arcadia Explorations Ltd.	SECTION	
LATITUDE	STARTED November 8, 1984	BEABING West	
DEPARTURE	COMPLETED November 12, 1984	DIP60°	DEPIR
ELEVATION	V.D H.D		

GENERAL GEOLOGY	ASSAY		SA	MPLE	FOOTAGE	ECONOMIC CECLOCY
	oz.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-73.0						
Casing, sand, gravel and boulders.						
73.0-250.0	.002		2.8	56185	84.0-86.8	White quartz and carbonate veins
Gabbro, medium coarse grained, greenish						in several directions to the core.
Local dissem po and chalco.						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 associate	1					
with a narrwo quartz stringer.						
127.7-129.5	Nil		1.8	56186	127.7-129.5	Shear zone, 70% grey and white quartz
Shear zone 30 to the core, 70% grey						Sulphides rare.
vein quartz and carbonate.						
171.3-172.3	Nil		1.0	56187	171.3-174.3	Shear zone, 25% grey vein quartz no
Shear zone 60 to the core, 25% grey vein						sulphides.
quartz, sulphides absent.						
177.5-181.0						
partly sheared section 45° to the core.						
Alittle vein quartz with fair py.						
Partly carbonatized.						
183.7-184.7						
Sheared and altered, carb threads and a			1			

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	ASSAY SAMPLE		MPLE		TOOLOWIG CEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
narrow stringer of grey quartz. Minor						
chalco.						
	1		<u> </u>			
186.6-190.6	Nil		4.0.	56188	186.6-190.6	Sheared and altered zone, frequent
Sheared and altered section, frequent	 		 			white carbonate stringers and some
narrow carb. stringers and a little vein			ļ			vein quartz. Fine chalco and po.
quartz.	 		 			
<u> </u>	 		 			
243.0-245.0	 	ļ	 	 		
Rlebs of Po and chalco in this	 		├	 		
section.	 		 	 		
000	 		 	-		
250.0	 		 	 		
End of hole.	 		 	 		
	 		 			
	 		 			
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7.A		LOCATION 50 feet North of A-25
PROPE	New Arcadia Explorations Ltd.	SECTION
ATITUDE	STARTED November 13, 1984	BEARING West DEPTH 428.0
DEPARTURE	COMPLETED November 16, 1984	DIP -60 ⁰
ELEVATION	V.DH.D	

GENERAL GEOLOGY	GENERAL GEOLOGY ASSAY SAMPLE	MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGI	oz.	VALUE	FEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
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. Blockey and						
broken core.						
						*
170.0-174.0			<u> </u>	<u> </u>		
Badly broken core, hole is caving.			<u> </u>			
213.0-221.0				11		
Quartzite brick red, altered broked			<u> </u>			
core with frequent narrow calcite stringer						
at 10° to the core. A few narrow quartz						
stringers also present.				L		
219.0–220.0						
Fault zone, caving, hole cemented.						
			L	11		
221.0-428.0				11		
Gabbro, altered and oxidized to 227, then						
becoming normal medium grained to medium			 	11	<u> </u>	
coarse grained.						
252.0 in seam of pyrite.						
			!	1 1	1	

Barron Diamond Drilling

Part : 18: fem

CENERAL CEOLOGY	A:	SSAY SAMPLE	FOOTAGE	ECONOMIC GEOLOGY			
GENERAL GEOLOGY	oz.	VALUE	PERT	NUMBER	POOTAGE	ECONOMIC GEOLOGY	
307.6-309.7	Au	Ag.					
Altered section, weakly sheared. at 30°							
to the core. Chloritized with a little			<u> </u>				
vein quartz and carb. stringers. Sulphide							
absent.	11						
310.0-313.5							
Frequent irregular white carbonate			L				
stringers and patches. No sulphides.	 		}				
338.7-346.9	•005	Nil	4.3	56189	338.7-343.0	Shear zone, 20% pink and white calcit	
Shear zone, chloritized, pink and white	.002					with a little associated grey vein	
calcite stringers up to 10". Shearing						quartz. Sulphides absent.	
from 45° to 60° to the core/							
	Nil	Nil	3.9	56190	343.0-346.9	Shear zone, 10% white and pink calcit	
						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" quartz stringer with chalco							
and 2nS.							
389-4-393-3	.002		2.3	56191	280 4-201 7	Brick red inclusion, chloritized	
Rrecciated quartzite inclusion with a	1.002		<u> </u>	10191	309.4-391.1	with a little yein quartz. Minor	
little sheared gabbro included.	1		 			fine pyrite.	
Tittle shearen gannro included.	1		 	_		time byitte.	
	Nil		1.6	56192	391.7-393.3	Sheared gabbro and brick red quartzit	
						inclusions, some vein quartz in	
						quartzite, minor fine pyrite.	
	1		 				
393-3-420-0	Nil		2.4	56193	393.3-395.7	Shear zone, 20% irregular white calcit	
Shear zone, shearing at 60° to the core.	 		<u> </u>			e , a few grains of Aspy and minor	
with some at 45° 30% vein quartz and	 		<u> </u>	ļI		chalco throughout.	
carbonate	1			 			
	Nil		3.5	56914	395•7-399•2	Mostly grey vein quartz, one grain of	
			<u> </u>			chalco noted in quartz and a little	
	↓ ↓					aspy present in shear planes.	
	1 1		l	j			

CENTERAL CEOLOGY	ASSAY	ASSAY SAMP		MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	07.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
	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		2.5	56196	402.7-405.3	Altered section weakly sheared
	•02		ļ	 		carbonatized, white calcite stringers
			 	 	<u> </u>	present. A few grains of chalco on
: : : : : : : : : : : : : : : : : : :	_		 	 		slips.
	-005		1.2	56197	105-3-106-5	Altered section, some grey quartz with
	1.007		1	1 2027	30).5.400.7	carbonate, also brick red section well
				1		mineralized with fine chalco and some
				1		pyrite and a little aspy.
					<u> </u>	DYALVO WALL OF THE PROPERTY OF
	.005		3.5	56198	406.5-410.0	Shear zone, some sections well sheared
			<u> </u>			others altered and carbonated. Frequen
						t white and pink calcite stringers and
			ļ	<u> </u>		local vein quartz. A little py and small xtals of aspy on shear planes.
			<u> </u>	ļ		
			<u> </u>	56300	430 0 433 0	
	.002		3.0	56199	410.0-413.0	Shear zone, 20% white and pink calcite
	- 			 		stringers and some narrow vein qtz.
	-		 			stringers Local chalcopyrite.
	Nil		2.9	56200	413.0-415.9	80% grey and white vein quartz, sulphi
						des_absent.
			 	<u> </u>		
	Nil		2.1	601	415.9-418.0	Shear zone, highly altered and carb-
	_					onatized. some sections weakly
			}	ļ		sheared. Dissem po and some chalco.
	Nil		2.0	602	418.0-420.0	Shear zone, highly carbonatized,
	1111		12.0	1 002	410.0-420.0	includes a 4" white quartz carb vein
	1		t	 		with 5% sulphides. Py, chalco and Po.
420.0-423.0		·				The surprise sty, charge and po-
Gabbro. altered carbonatized with some				1		
white calcite stringers.						
423.0-428.0						
Gabbro, medium grained unaltered.			1			

428.0 end of hole.

DOLL ING CONTRACTOR

PROPERTY New Arcadia Explorations Limited

LATITUDE	STARTED November 16,		EARING West	DEPTH 292.0	
DEPARTURE	COMPLETED November 18	3, 1984	DIP -60°		
EL EVATION	VD 41	n			

OFNICAL CONTACT	ASSAY		SAI	MPLE	5007405	FCONOMIC CCCI CCV
GENERAL GEOLOGY		OZ. VALUE		NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-48.0						
Casing gravel.						
48.0–167.8	.002		5.0	603	64.0-69.0	Quartzite, light grey character
Mississagi quartzite, light grey, massive	<u> </u>					sample 7% pyrite in seams throughout.
and uniform in appearance. Fine dissem.						Very narrow calcite stringers with
pyrite common throughout. Very siliceous	!					fine chalco.
high silica quartzite.						
06.7.99.0	Nil		1.3	604	86.7-88.0	Quartz vein whitish with good pyrite
86.7-88.0 Quartz vein at 45° to the core, good	1471		<u> </u>	- 004	00-1-00-0	in seams and blebs and grains of
Quartz vein at 45 to the core, good	 			 		brown sphalerite in several places.
pyrite and some brown ZnS.	 		 	 		Also a grain of aspy.
	ļ		 			Also a glain 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.						
260.0.267.0	}					
162.0-167.8 Weakly sheared at 45° to the core. A	 		 			
Weakly sneared at 45 to the core. A	h+					
little grey vein quartz, sulphides abse	16.					
167.8-242.8						
Gabbro, fine grained at contact, becoming						
medium coarse grained from 177 feet.						
			1			
	<u> </u>		J			·

Barron Diamond Drillin:lg

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D.D.H. No. A-28

SECTION_

LOCATION 100 feet South and 50 feet East of A-26

GENERAL GEOLOGY	A	SSAY	BAMPLE		SAMPLE		BAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	YALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY					
184.5–187.0											
Sheared section with quartz stringres											
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	.002		1.0	605	242.8-243.8	Shear zone, shearing at 60° to the					
Shear zone, shearing varies from 60° to						core, some brick red alteration. Well					
30° to the core. Chloritic and silifified						mineralized with fine pyrite in seams					
and contains lenses and blebs of grey						and blebs, some associated chalco.					
quartz, very well mineralized with fine											
pyrite. Possibly some quartzite included	.01		1.6	606	243.8-245.4	Silicified section, possibly a quartz-					
which is partly chlotitized.	-02		<u> </u>			ite inclusion, 20% chlorite replacemen					
·			<u></u>			t. The odd speck of pyrite.					
	.005		1.6	607	245.4-247.0	Silicified and chloritic shear, Half					
						of the sample may be a quartzite					
			ļ			inclusion which is well mineralized					
			<u> </u>			with fine pyrite and some chalco.					
	.02		3.1	608	247.0-250.1	Shear zone, highly chloritized with					
	.02		<u> </u>			lenses and ribbons of vein quartz.					
	•02					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.					
			1	1 1							

:	ASSAY SAMPLE	MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGI
250.1-257.2						
Gabbro medium coarse grained massive						
Gabbro, medium coarse grained, massive and uniform in appearance.						
			<u> </u>			
257.2-237.0	Nil		1.0	609	250.1-251.1	Gabbro, slightly altered and sheared
Shear zone, shearing varies from 60 to			<u> </u>			with several pyritic slips.
20 to the core from top to bottom of				-730	050 0 050 0	504
the zone. Chloritized and carbonatized	Nil		2.6	610	257.2-259.8	Shear zone, 50% grey vein quartz.
with sections of vein quartz locally			<u> </u>	ļ		Grain of aspy in quartz, the odd
brecciated with good pyrite around the				<u> </u>		speck of chalco in the shear,
fragments.			<u> </u>	733	050 0 0/1 0	
	Nil		1.4	611	259.8-261.2	Shear zone, chloritized and carb-
			<u> </u>			onated with minor vein quartz. Fair
			<u> </u>			chalco throughout, mostly on the
				<u> </u>		shear planes. Local aspy on shear plan
						es., also some with carbonate string-
						ers.
			<u> </u>		A/1 - A/1	
	Nil		2.6	612	261.2-263.8	Shear zone, includes a 1.7 foot quartz
			<u> </u>			vein which is barren, remainder is
						highly sheared carbonatized material.
				<u> </u>		with some fine py and aspy on shear pla
						nes.
			<u> </u>			
	Nil		2.3	613	263.8-266.1	Brecciated section, fragments of grey
			<u> </u>			quartz, altered gabbro and white calci
				<u> </u>		te maitrex. Fragments are frequently
			<u> </u>			rimmed with pyrite which is also
			<u> </u>			common in blebs. Locally a little aspy
						noted.
	.002		3.9	614	266.1-270.0	Shear zone, 200 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.
				1		
			T			
			<u> </u>		l	L

	^	SSAY	SAI	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER		ECONOMIC GEOLOGY
	Nil		3.5	616	273.5-277.0	Shear zone, highly carbonatized,
						rare grain of chalco and aspy.
277.0-285.5			L			
Becoming weakly sheared, altered with						
frequent calcite threads, grading into						
sections of unaltered gabbro. Shear angle from 20° to 45° to the core.			<u> </u>			
angle from 20 to 45 to the core.			L			
Sulphides rare.			L	L		
			L			
285•5-292•0	1		<u> </u>			
Gabbro, medium coarse grained uniform			<u> </u>			
in appearance.			ļ	ļ		
			<u> </u>			
287.4-288.0			L			
Sheared section 60° to the core.	1		<u> </u>			
			<u> </u>			
292.0	<u> </u>					
End of hole.			L			
			<u> </u>			
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PROPERTY New Arcadia Explorations Limited

LATITUDE	STARTED November 19, 1984	
LATITUDE		BEARING West DEPTH 400.0
DEPARTURE	COMPLETED November 21, 1984	DIP -60°
ELEVATION	V.D H.D	

	A	SSAY	SAMPLE			FOOLIGING OF GLOCIE
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-63.0						
Casing, sand, gravel and boulders.						
63.0-400.0						
Serpent quartzite, light to dark to pinkis	l i			<u> </u>		
grey with some salmon red beds.						
117.0-122.0						
117.0-122.0 Bedding at 60° to the core.						·
166.0–166.5						
chloritized section, some py on slips.		ı				
224.4-245.0						
Dark grey gritty bed.						
268.0 2" quartz stringer at 80° to the	Nil		1.9	617	268.0-269.9	Quartzite included twp well mineral-
core with coarse pyrite.						ized quartz stringers.
269.4 4" quartz stringer at 45° to the						
core with some coarse pyrite.						
298.6 * white calcite stringer with						
coarse chalcopyrite.						
343.5 2" quartz stringer with po, py.						
348.6-349.3	Nil		0.7	618	348.6-349.3	White calcite stringer in Brecciated
Brecciated section, mostly white						section. Some coarse py in calcite.
calcite with some coarse pyrite						

400.0 End of hole.

Barron Diamond Drilling.

Sand . M!: f

A-29

LOCATION 50 feet W of A-17 and 80 feet East.

D.D.H. No.____

SECTION_

NEW ARCADIA EXPLORATIONS LTD. ET AL GOLD PROSPECT 63,111116 SCADDING TOWNSHIP PLAN OF GEOLOGY-EAST SHEET SCALE: 100 feet LEGEND Feldspar Porphyry Olivine Diabase Strike and Dip Niplasing Diabase, Gabbro Attitude of Shearing Serpent Quartzite Swamp Bruce Limestone Creek Steep Hill or Cliff Bruce Conglomerate Misstssagi Quartzite Humus Gold Values in Parts per Billion Shear zone Z I S - 507602 NORTHGATE EXPLORATION LTD. S-478942 S-478944 S-478945 563 BASE LINE S-478959 S-478954 S-**4789**58 S-478960 701 SCADDING TWP. STREET TWP.

Paul : M: Jam

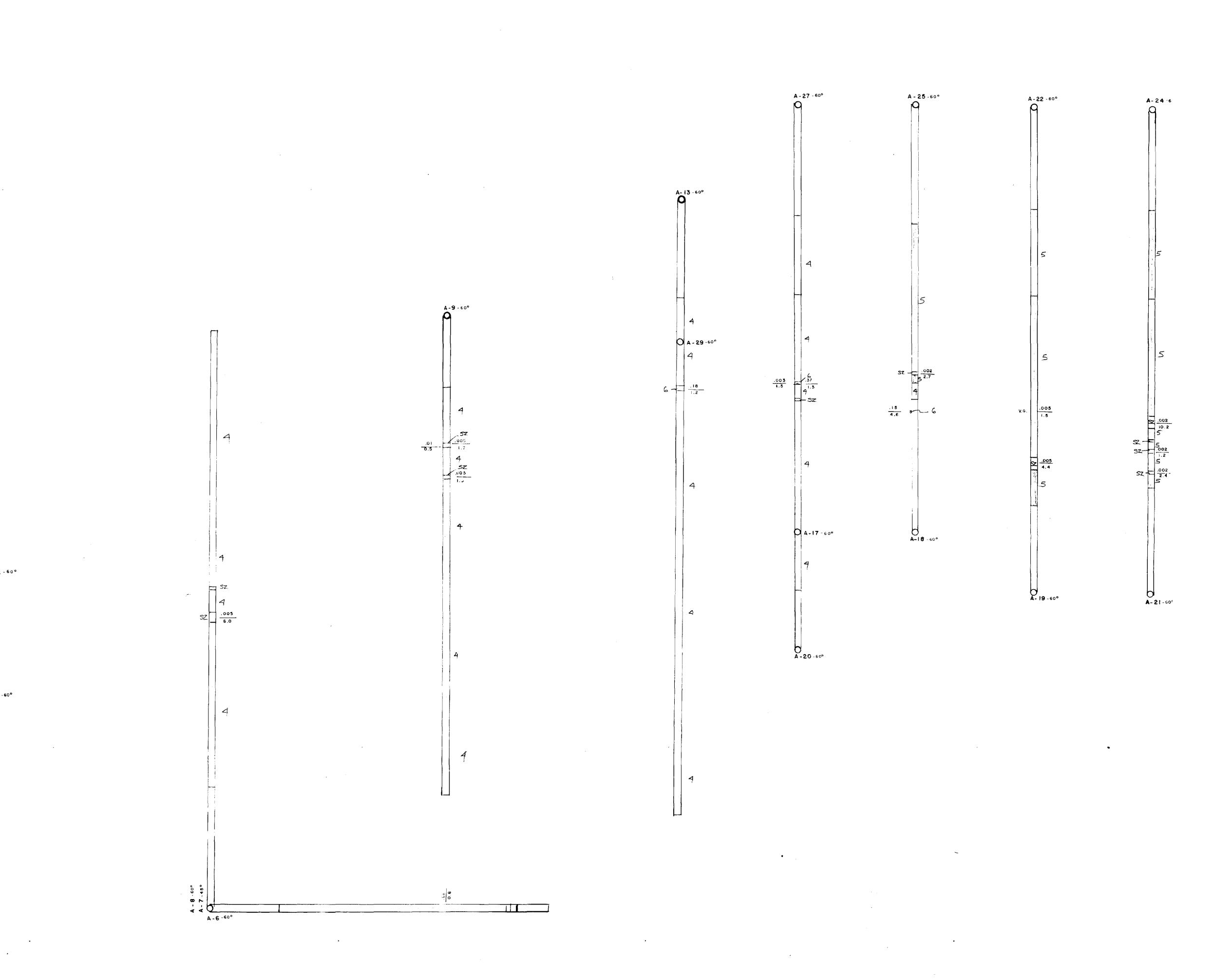
PAUL C. MCLEAN AUGUST 1981.

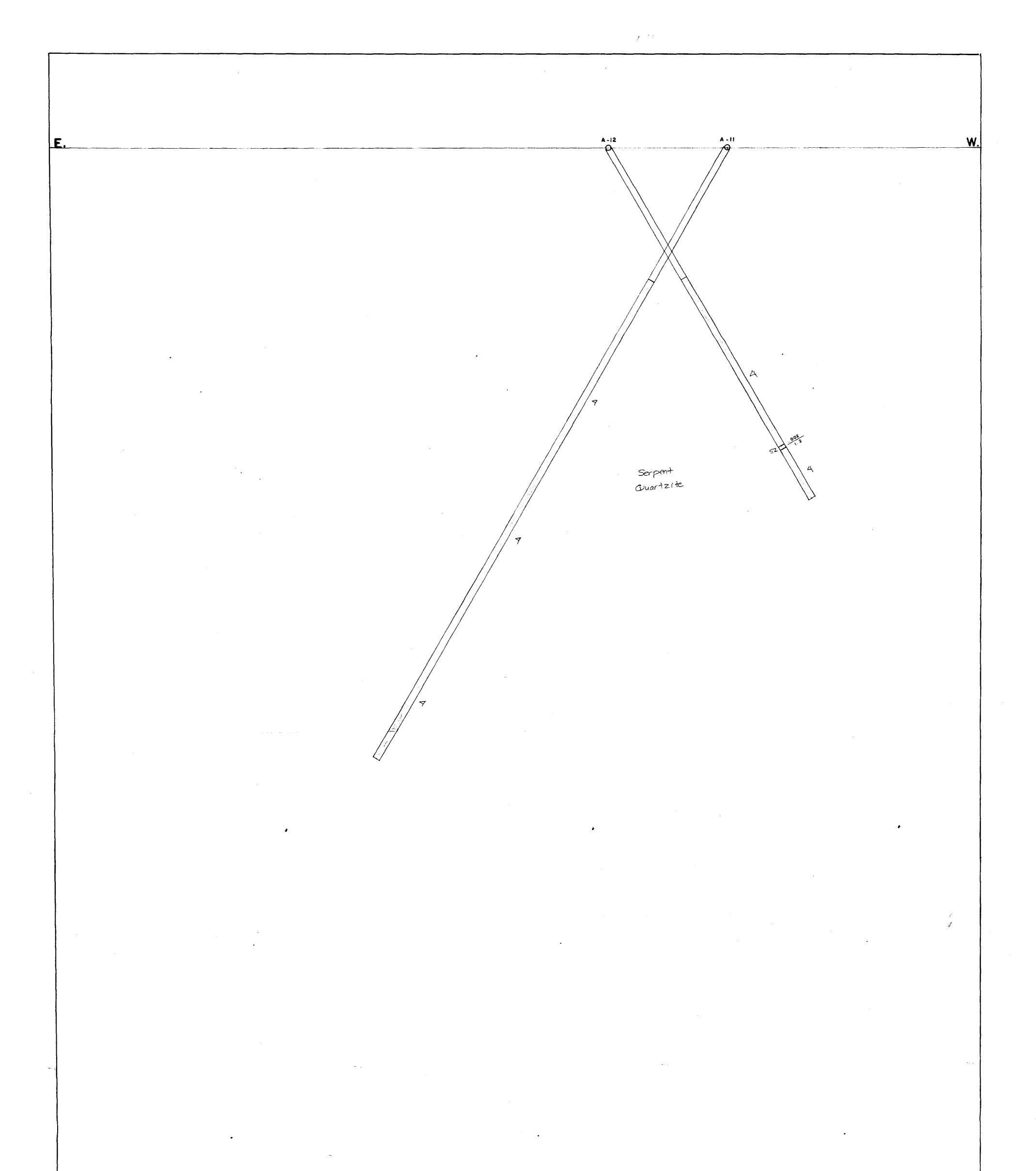
NEW ARCADIA EXPLORAT

SCADDING TOWNSHIP

> PLAN OF DRILL

SC ALE: l inch = 20 fc



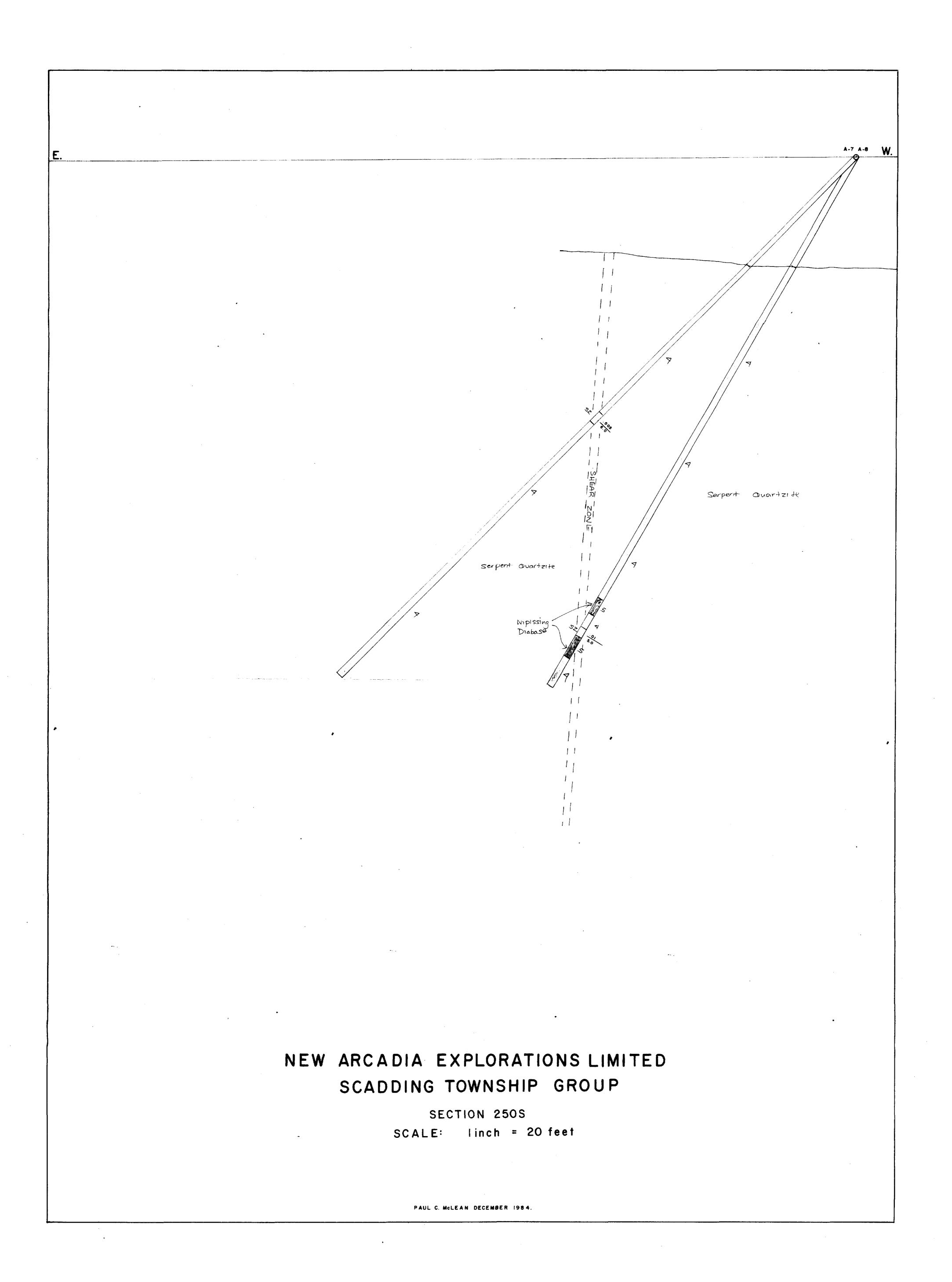


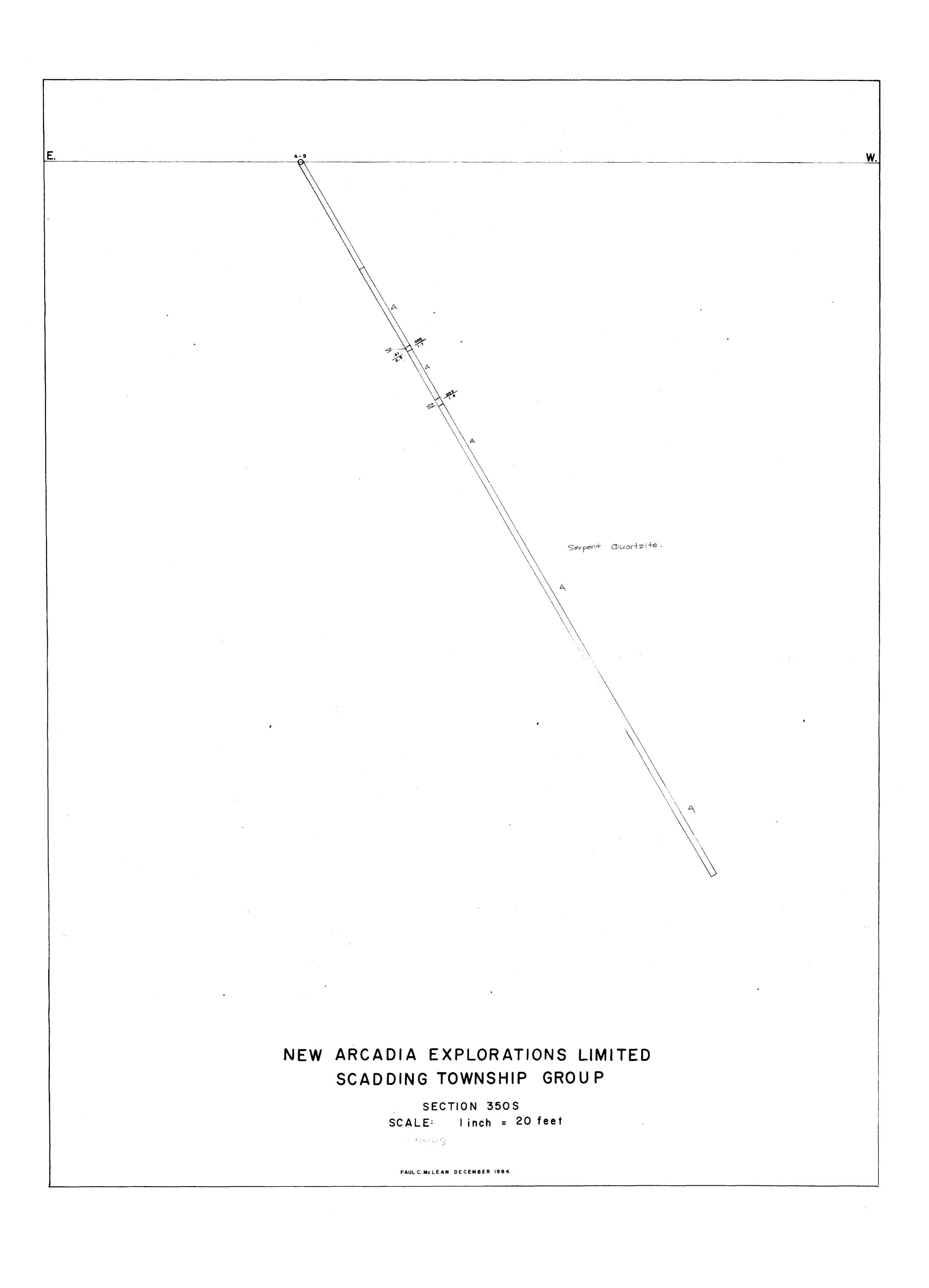
NEW ARCADIA EXPLORATIONS LIMITED SCADDING TOWNSHIP GROUP

SECTION 150S SCALE: linch = 20 feet

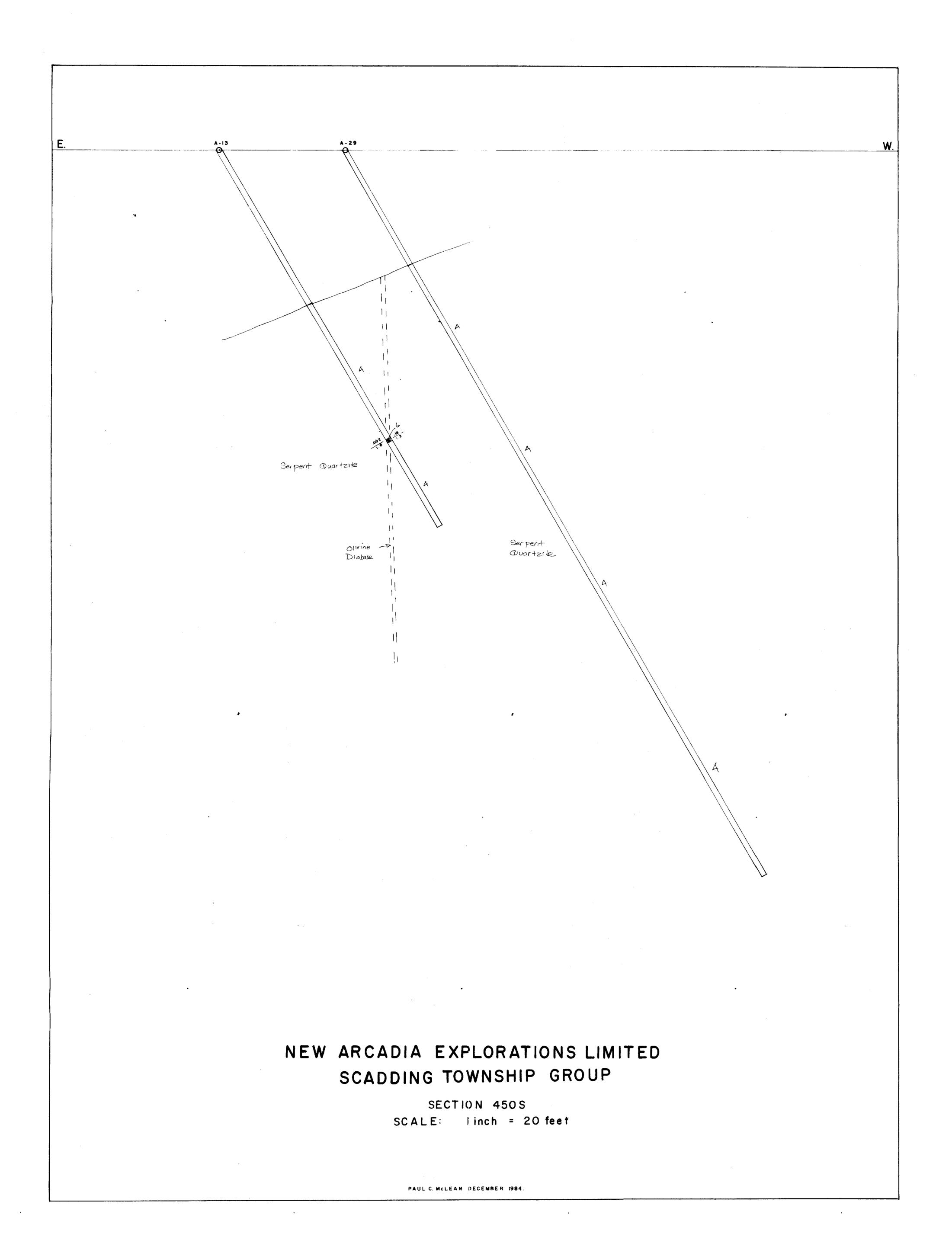
PAUL C. McLEAN DECEMBER 1984.

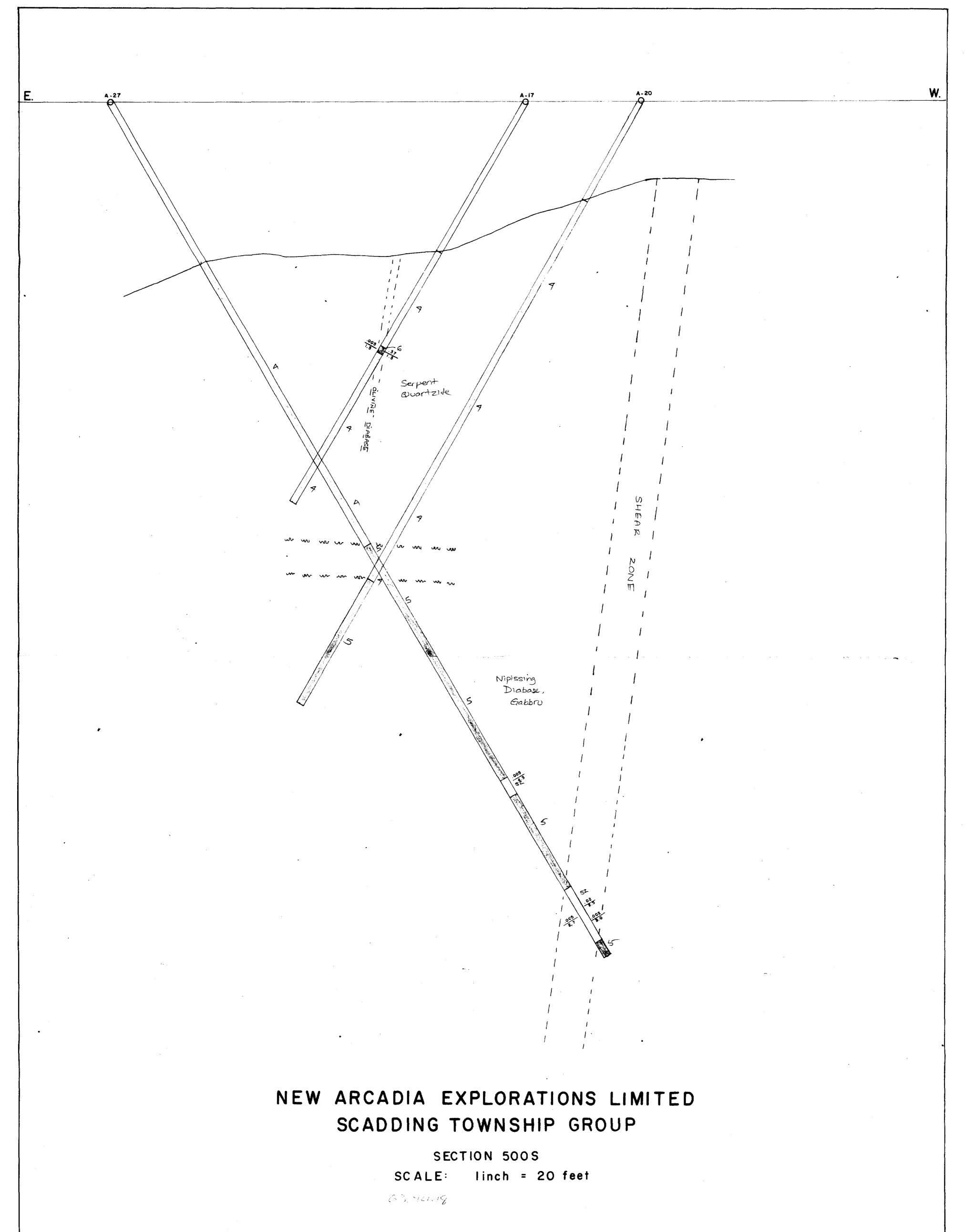




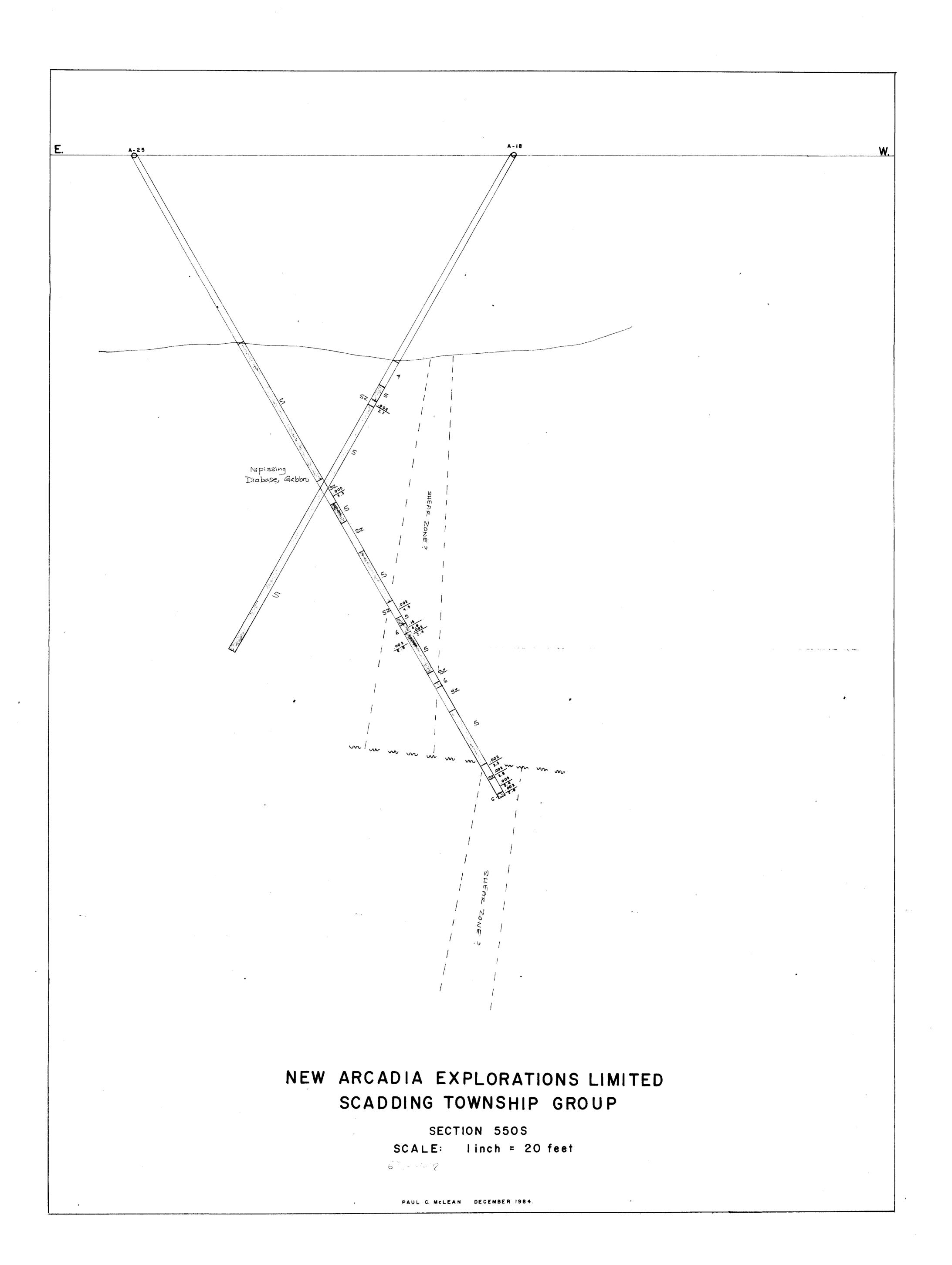


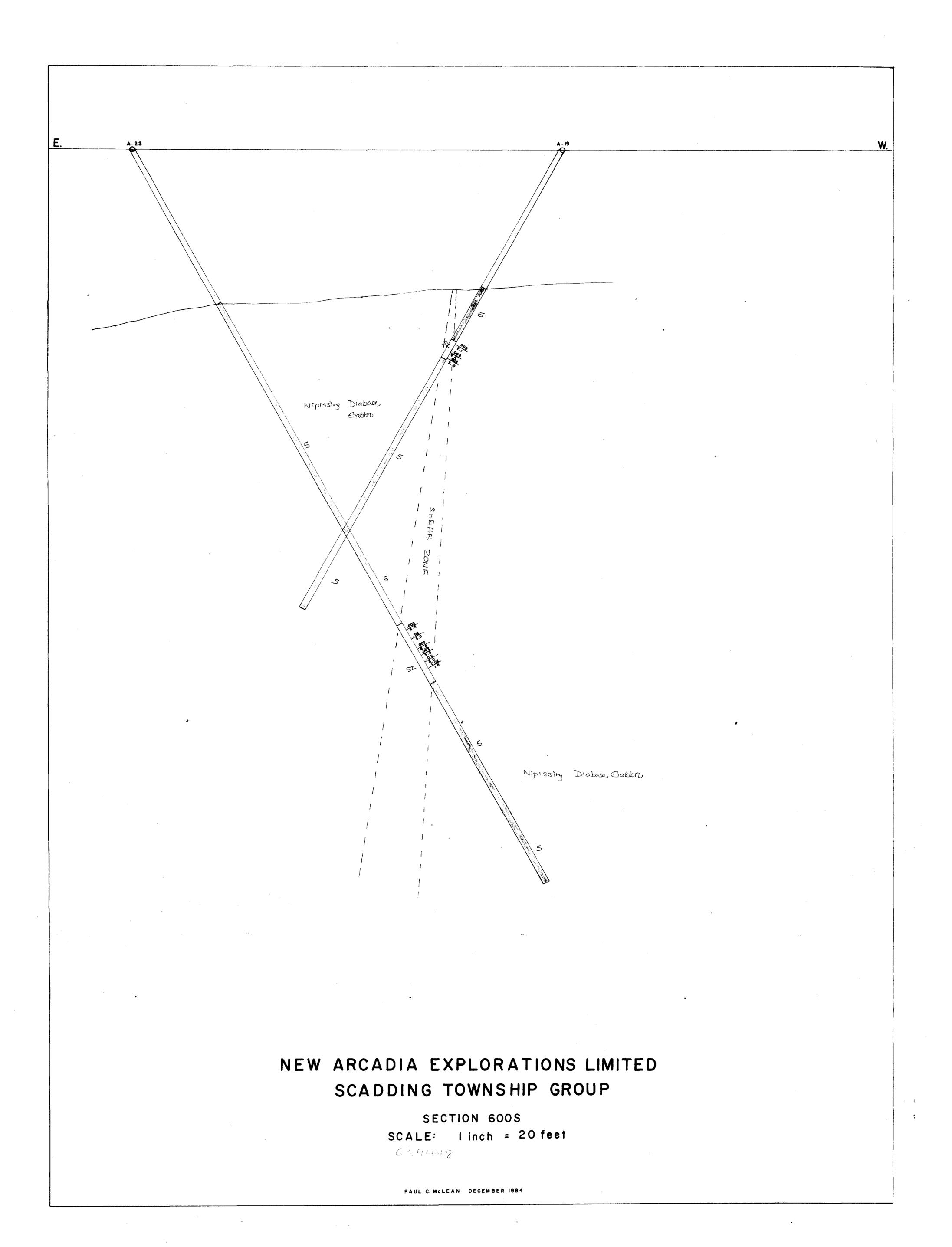




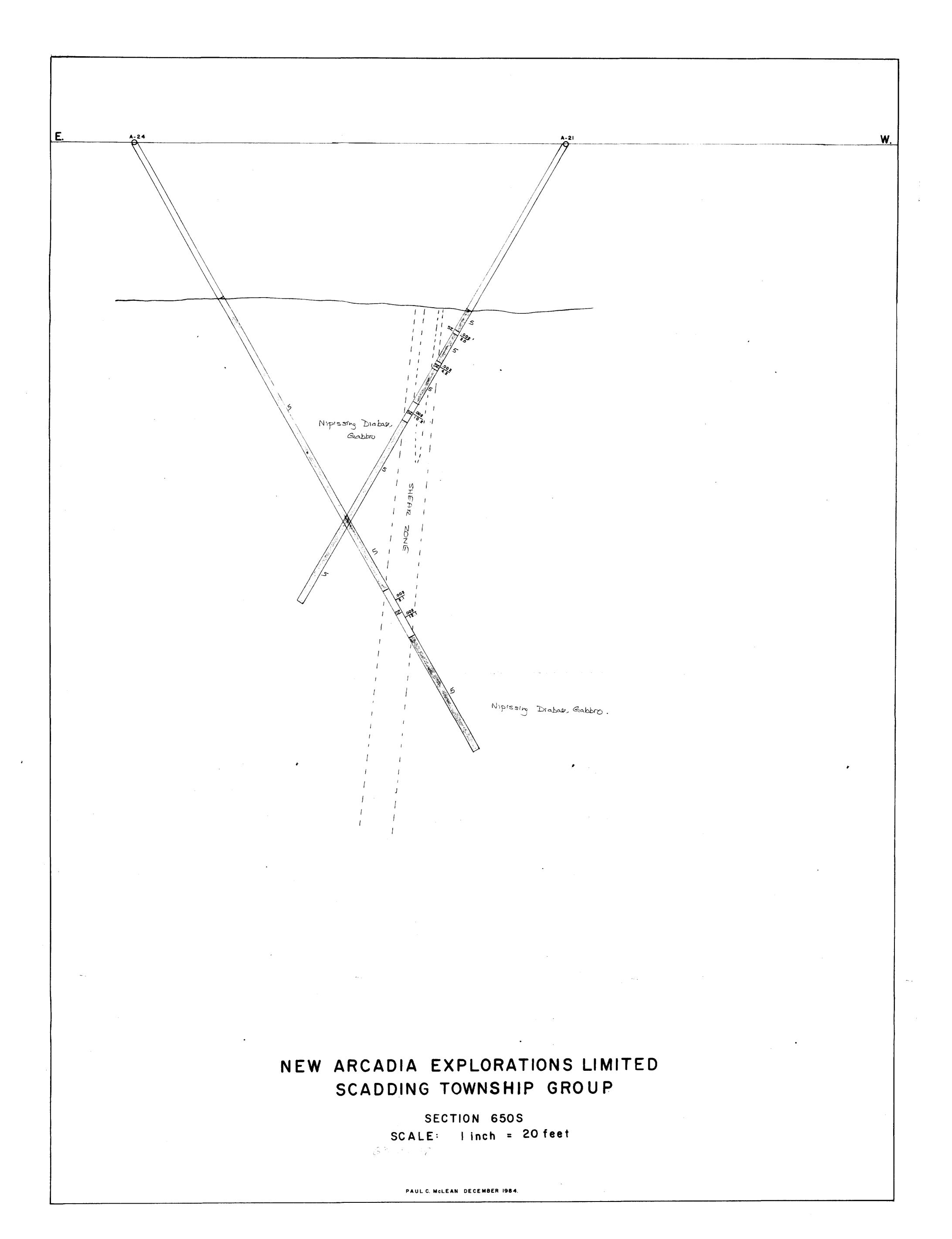


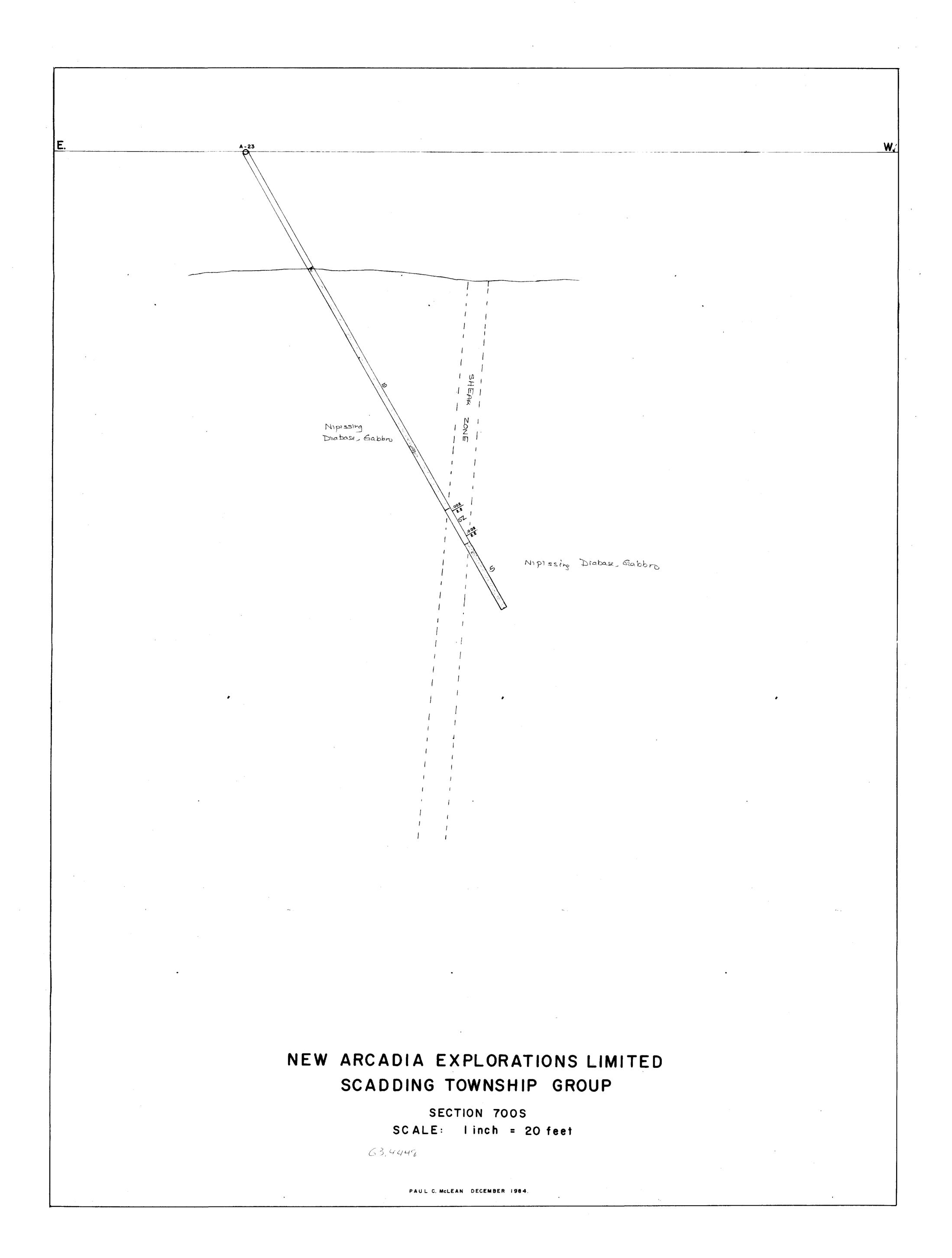
PAUL C. McLEAN DECEMBER 198

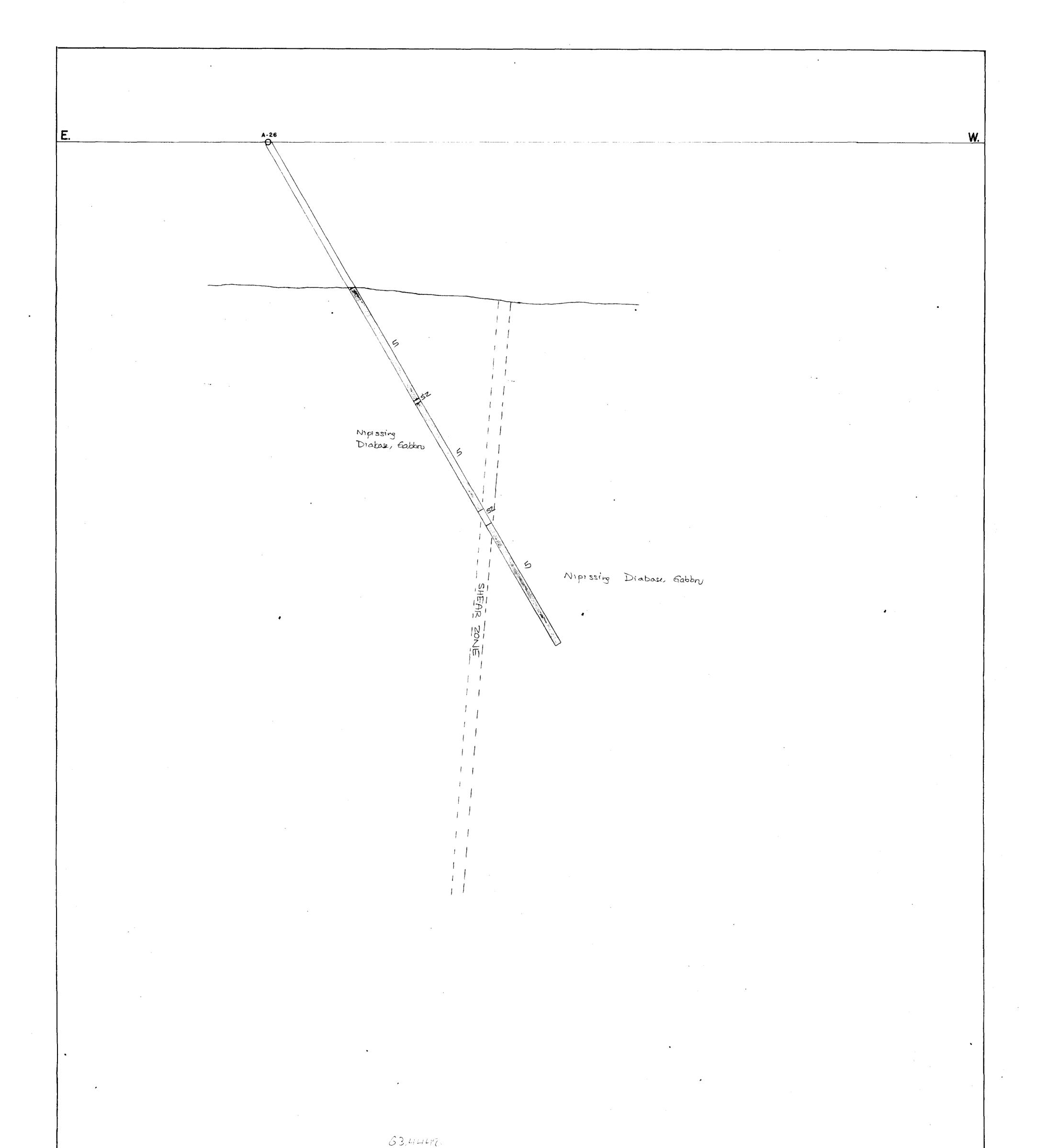




41110NEØ140 63.4448 SCADDING 280



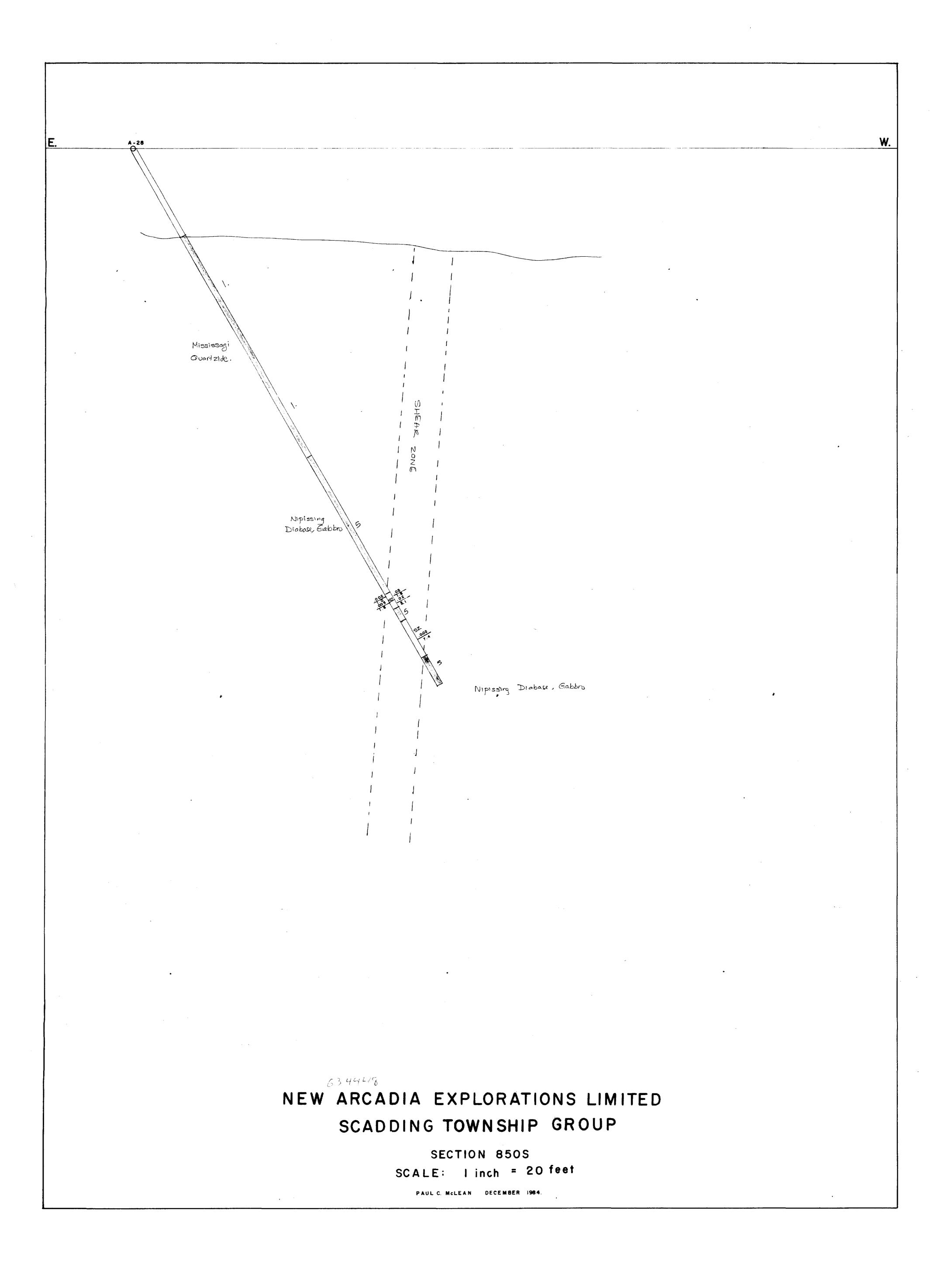


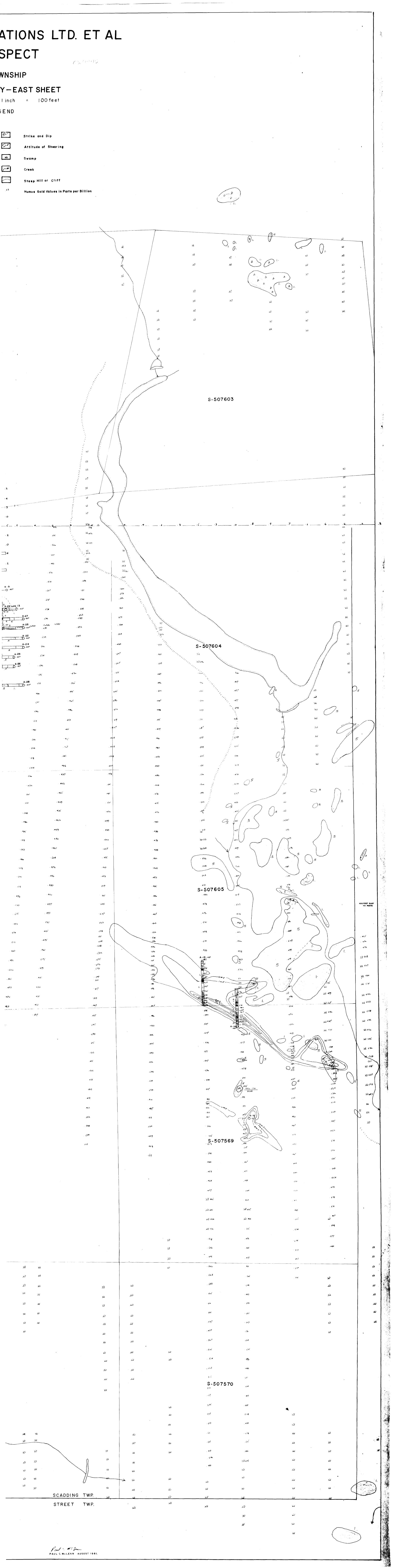


NEW ARCADIA EXPLORATIONS LIMITED SCADDING TOWNSHIP GROUP

SECTION 750S SCALE: | linch = 20 feet

PAUL C. McLEAN 'DECEMBER 1984





CADIA EXPLORATIONS LIMITED

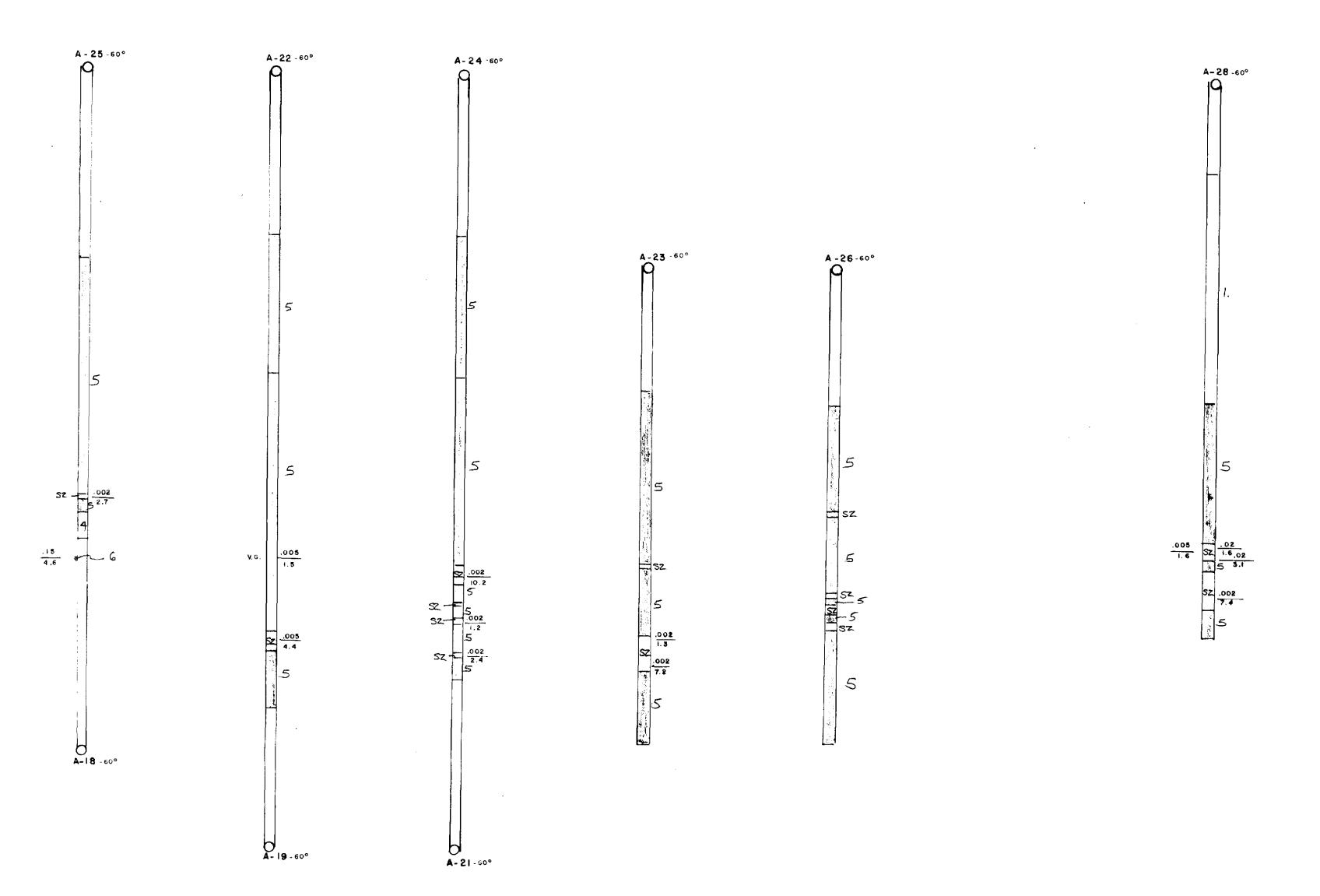
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SCADDING TOWNSHIP GROUP

PLAN OF DRILLING

PAUL C. MCLEAN DECEMBER 1984.

SCALE: linch = 20 feet



5.1.2