DIAMOND DRILLING

AREA: Rowan Lake **REPORT NO.:** 27

WORK PERFORMED BY: Nuinsco Resources Ltd.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
K 465353	NC-1	253.0	July/81	(1) (3)
	NC-2	225.0	July/81	(1) (3)
K465352	NC-3	243.0	July/81	(2) (3)
	NC-4	353.0	July/81	(2) (3)
	NC-5	213.0	July/81	(2) (3)
	NC-6	203.0	July/81	(2) (3)
	NC-7	353.0	July/81	(2) (3)
	NC-8	453.0	July/81	(2) (3)
	NC-9	213.0	July/81	(2) (3)
	NC-10	213.0	July/81	(2) (3)
	NC-11	202.0	Aug/81	(2) (3)
	NC-12	213.0	Aug/81	(2) (3)
	NC-13	222.0	Aug/81	(2) (3)
	NC-14	373.0	Aug/81	(2) (3)
	NC-15	533.0	Aug/81	(2) (3)
	NC-16	673.0	Aug/81	(2) (3)
	NC-17	543.0	Aug/81	(2) (3)
	NC-18	103.0	Aug/81	(2) (3)
	NC-19	103.0	Aug/81	(2) (3)
	19 DDH	5687		

NOTES:

(1) #189-81
(2) #190-81
ASSAYS - #191-81
(3) OMEP Submittal: #OM81-3-C-85

• CHEMICAL RESEARCH AND ANALYSIS
• CONTRACT LABORATORIES

TECHNICAL SERVICE LABORATORIES
DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED
1301 FEWSTER DRIVE, MISSISSAUGA, ONT. L4W 1A2
TELEPHONE: (416) 625-1544
TELEX 06-960215

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM: Nuinsco Resources Ltd.
Suite 306,
4198 Dundas St. West
Toronto, Ont.
M6X 1Y6
Attn: Doug Hunter

REPORT No. T 7111
Inv.#17177

SAMPLE(S) OF: SPLIT CORE

Samples	Gold (Au) ppm	Silver (Ag) ppm	Samples	Gold (Au) ppm	Silver (Ag) ppm
2000	No Sample				
2001	<.05	4.0	2020	<.05	1.0
2002	<.05	2.3	2021	<.05	1.3
2003	<.05	.9	2022	<.05	.7
2004	<.05	1.0	2023	<.05	1.0
2005	<.05	1.1	2024	<.05	1.1
2006	<.05	1.2	2025	<.05	1.0
2007	<.05	1.1	2026	<.05	.8
2008	<.05	2.0	2027	<.05	.9
2009	<.05	.9	2028	<.05	1.0
2010	<.05	1.3	2029	<.05	.5
2011	<.05	1.2	2030	<.05	1.5
2012	<.05	1.1	2031	<.05	.8
2013	.06	.9	2032	<.05	1.4
2014	<.05	1.0	2033	<.05	1.5
2015	<.05	1.0	2034	.27	1.4
2016	.09	1.2	2035	<.05	1.1
2017	<.05	1.5	2036	.07	1.3
2018	<.05	1.6	2037	.30	1.3
2019	<.05	1.2	2038	.57	1.4
			2039	.25	1.4

Note: Au by Fire Assay.
Ag by AA.

Apply assays 2001 - 2029 @ $10.00 each for expenditure credit claim 465353

ples. Pulps and Rejects discarded after two months

August 21st, 1981

SIGNED _____

CTA

TORONTO ONTARIO M8X 1Y6

Date Certified: December 11, 1981

Certified by (Signature): Doug Hunter

2)

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 15+00 S

DEPARTURE 5+80 W

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site. 1+00W, 1+00S (NC-1 -NC-19 incl.)

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
253'	41°		

TOTAL DEPTH OF HOLE 253'

PROPERTY Cameron Lake

CLAIM No. K465353

HOLE No. NC-1

CORE SIZE BQ

STARTED July 11, 1981

FINISHED July 12, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

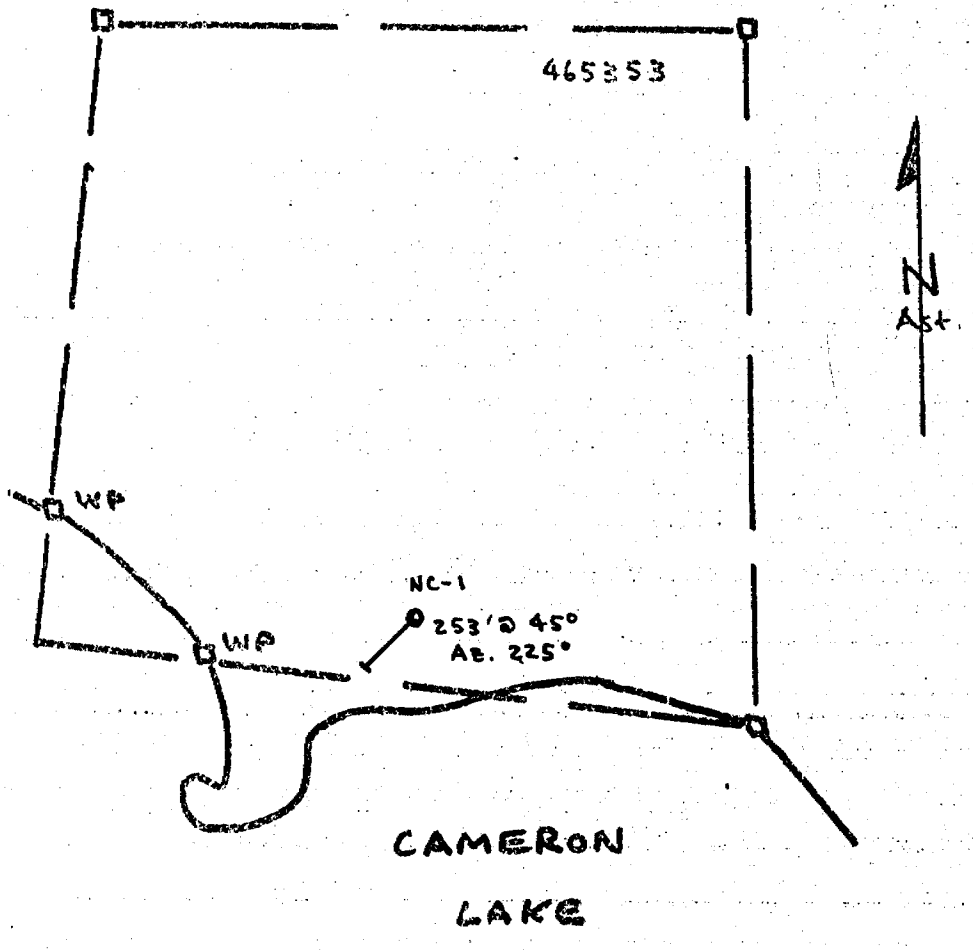
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au oz/ton
0	12.0	Casing					
12.0	22.0	Massive bedded greenish-grey tuff and lapilli-tuff with chloritic clots and quartz-carbonate stringer (QCS) throughout. Tr pyrite locally.					
22.0	38.0	Feldspathic lapilli-tuff, very massive (bedded?) light yellow-green to green. Sub-mm quartz eyes conspicuous locally. Only Tr sulphide. C.A.< foliation = 45°.	2001	36.5	38.3	1.8	Tr
38.0	55.0	Light green, thin bedded-laminated intermediate tuff. Local lapilli tuff and thick tuff bed. Sub-mm carbonate rhombs throughout. Fine grained 1mm pyrite cubes disseminated - Tr to 1%. C.A.< bedding and foliation = 60°.	2002	41.6	43.0	1.4	Tr
			2003	44.0	45.2	1.2	Tr
			2004	45.2	50.2	5.0	Tr
55.0	71.0	Light yellow-green massive tuff with QCS with talc locally. Very well foliated nondescript rock. Tr to nil sulphide. C.A.< foliation = 50°.					
71.0	89.0	Very well developed zone waxy, yellow sericite-talc alteration with QCV and QCS throughout. Appears to be a shear zone in sericitic tuff. Nil sulphide.	2005	71.5	75.5	4.0	Tr
			2006	81.8	84.1	2.3	Tr
			2007	86.0	88.8	2.8	Tr
89.0	123.5	Yellow, thin bedded-laminated sericitic tuff and lapilli-tuff. Hematite spotting from 105'. Bedded cubic pyrite grains and disseminated v.fine grained pyrite over short sections (assayed).	2008	97.2	97.4	0.2	Tr
			2009	111.4	111.7	0.3	Tr
123.5	133.0	Well bedded chloritic tuff, siliceous beds alternating with chlorite-sericite beds. QCV and QCS injected along foliation planes and at a high angle to the same. Nil sulphide except in the odd QCV.	2010	129.9	130.8	0.9	Tr
133.0	180.5	Dark green massive mafic flow or tuff with 1mm carbonate rhombs and QCV and QCS throughout.	2011	140.4	142.0	1.6	Tr
			2012	169.6	170.7	1.1	Tr
			2013	172.0	172.6	0.6	Tr
180.5	190.0	Bedded and laminated sericitic tuff similar to 123.5-133.0' only more siliceous.					
190.0	253.0	Very well banded sericitic and talcy tuff and lappili-tuff. White siliceous beds(?)	2014	192.5	193.0	0.5	Tr

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-1
Sheet No. 2

Footage		DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton
om	To						
90.0	253.0	and flattened fragments alternated with yellow brown sericite bands. The rock	2015	196.5	197.2	0.7	Tr
		is intensely shared with QCS and QCV throughout. Some very siliceous sections	2016	198.5	199.0	0.5	Tr
		such as at 202.2-204.5.	2017	206.5	208.5	2.0	Tr
			2018	211.8	216.8	5.0	Tr
		End of Hole	2019	225.5	226.5	1.1	Tr



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:

CAMERON LAKE

LOCATION SKETCH
CLAIM NO. 465353

D.D.H.NO. NC-1

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 15+00S

DEPARTURE 5+80W

ELEVATION

BEARING 225°

DIP AT COLLAR -75°

CORE STORAGE On site, 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
225'	70°		

TOTAL DEPTH OF HOLE 225'

PROPERTY Cameron Lake

CLAIM No. K465353

HOLE No. NC-2

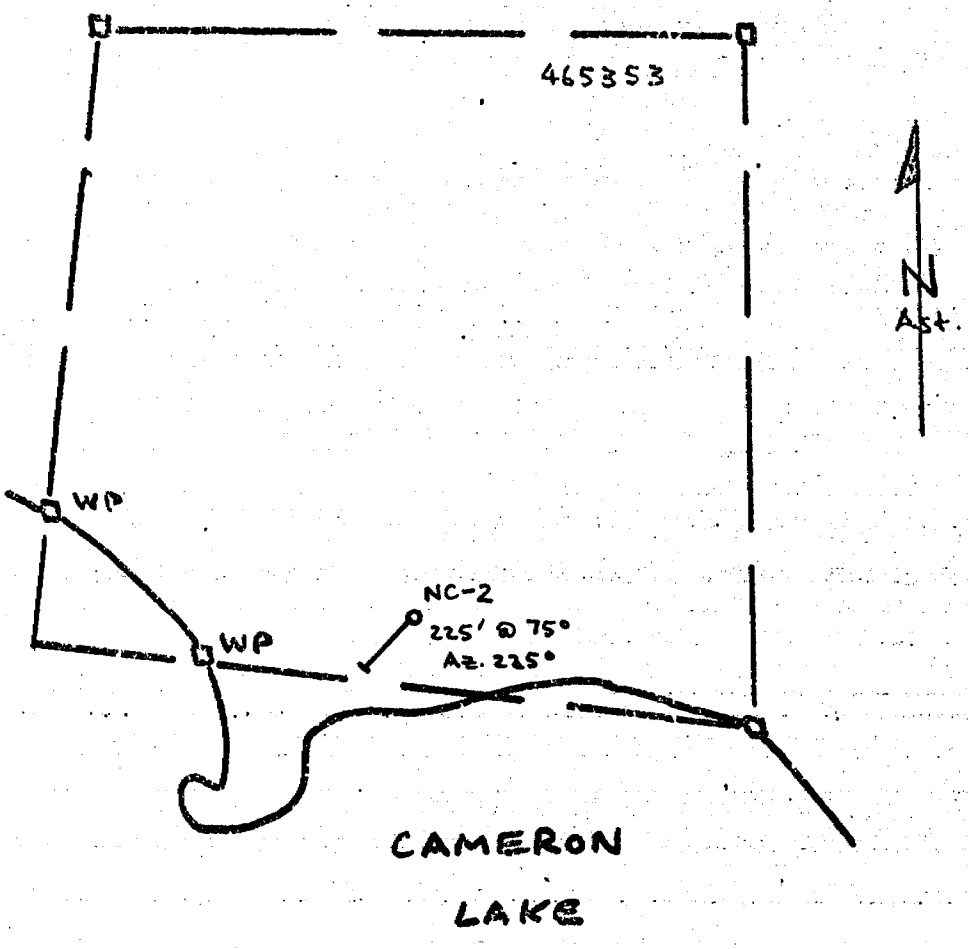
CORE SIZE BQ

STARTED July 12, 1981

FINISHED July 13, 1981

SIGNED: Don Hunter A.D. Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz/ton
0	7.5	Casing to bedrock					
7.5	12.0	Quartz-carbonate veined (QCV) sericitic siliceous tuff and/or lapilli-tuff, perhaps the unit that outcrops about 70' east of the set-up for this hole.					
12.0	23.0	Medium grained equigranular gabbro, local quartz veins with sericite alteration selvadges.					
23.0	32.0	Massive dark green mafic tuff or flow, local amygdules.					
32.0	46.5	Massive feldspathic lapilli-tuff with tiny sub-mm qtz eyes in some fragments and in the groundmass. Same unit that occurs at 22-38' in DDH NC-1. Andesitic to dacitic in composition. C.A.<foliation = 55°.					
46.5	65.0	Very well bedded grey ash-tuff, intermediate in composition. Locally pyrite occurs as fine grained disseminations (2-3%) and concentrated on bedding planes. C.A.<bedding = 55°.	2022	44.5	47.3	2.8	Tr
			2023	47.3	49.3	2.0	Tr
			2014	61.4	63.0	1.6	Tr
65.0	88.5	Massive green-grey tuff or flow.					
88.5	110.4	Very well bedded to laminated tuff, colour banded light green, grey and light yellow to bone. Short sections of disseminated pyrite Tr - 0.5% and pyrite is very locally concentrated on bedding planes. C.A.< bedding = 47°.	2025	88.5	92.5	4.0	Tr
			2026	99.0	101.1	2.1	Tr
110.4	113.0	Siliceous coarse grained fragmental, lapilli-tuff, tuff-breccia with some quartz porphyritic fragments.					
113.0	121.0	Sheared, sericitic talcy zone in bedded tuff with QCS and QCV throughout. Same zone as 71-89' in DDH NC-1.	2027	114.5	116.2	1.7	Tr
			2028	116.2	118.2	2.0	Tr
121.0	192.0	This bedded-laminated sericitic tuff, locally talcy-very fine grained phyllitic-slatey. Lapilli-tuff beds throughout, pale green and yellow coloured. Nil sulphides. C.A.< foliation/bedding = 45°.					
192.0	197.0	Banded chloritic tuff as at 123.5-133.0 in NC-1. Internally deformed bedding and foliation essentially parallel.					
197.0	202.0	QCV-network at contact between tuff above and a massive mafic unit below.	2029	197.0	202.0	5.0	Tr
202.0	225.0	Massive dark green chloritic tuff and bedded tuff as at 133' in NC-1. QCS and carbonate rhombs throughout. C.A.< foliation = 37°.					
		End of Hole					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:

CAMERON LAKE

LOCATION SKETCH
CLAIM NO. 465353

D.D.H.NO. NC-2

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE BLO+00

DEPARTURE 0+50E

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site.1+00W, 1+00S

NUINSCO RESOURCES LIMITED
DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
12'	43°		
203'	41°		

TOTAL DEPTH OF HOLE 243'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-3

CORE SIZE BQ

STARTED July 15,1981

FINISHED July 16,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

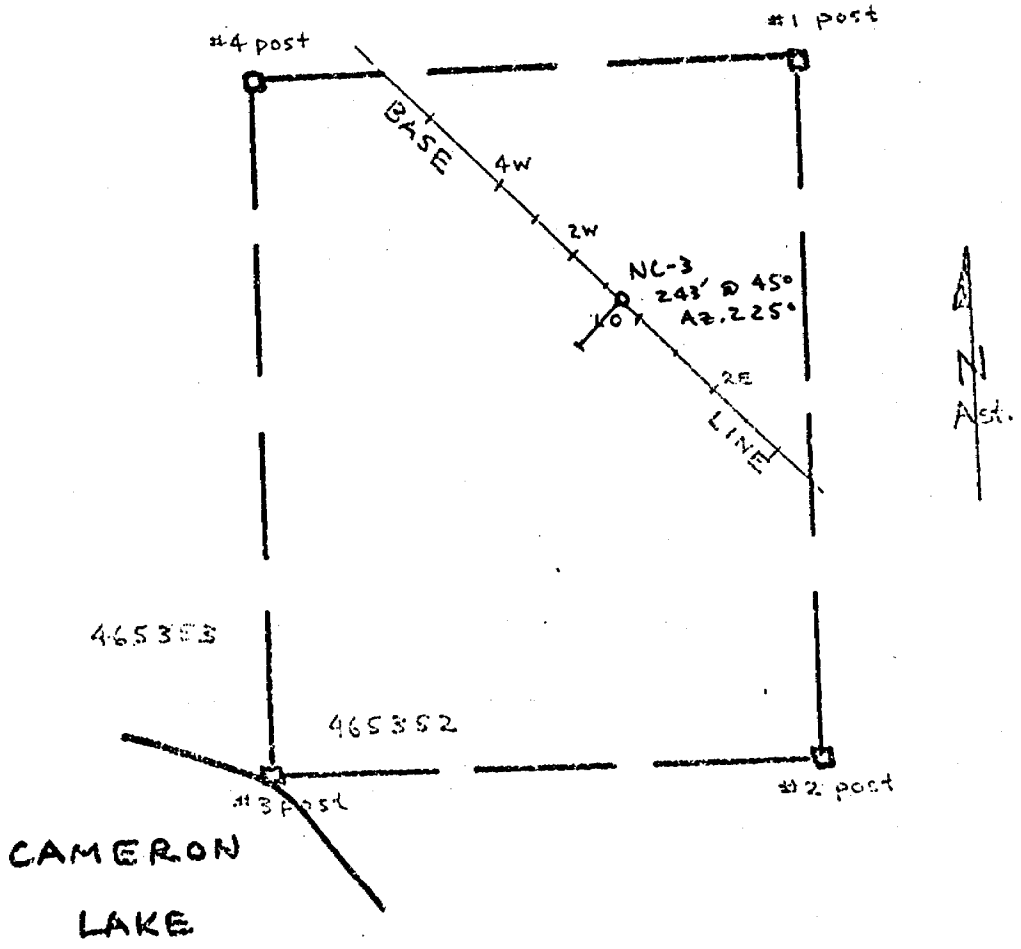
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton
0	11.4	Casing to bedrock.					
11.4	42.0	V fn grained to aphanitic medium to dark green mafic volcanic, locally amgdaloidal. Quartz-carbonate stringers (QCS) 1-2 mm throughout several quartz-carbonate veins (QCV) with sericitic alteration envelopes. Well foliated. C.A.< shearing-foliation =68°.					
42.0	52.0	Massive, medium grained equigranular gabbro-diorite. Lighter green than flow rock (11.4-42.0') due to well developed saussuvite throughout.					
52.0	60.0	Massive fine grained mafic volcanic flow and/or tuff with disseminated pyrite.	2030	54.6	57.1	2.5	Tr
60.0	61.0	Laminated siliceous ('cherty') sulphidic tuff. Very fine grained disseminated pyrite concentrated in beds up to 3mm thick. C.A.< bedding = 45°.	2031	60.0	61.0	1.0	Tr
61.0	79.0	Medium to fine grained gabbro, uniform and massive.					
79.0	96.5	Dark green mafic lava and tuff(?) QCS conspicuous throughout. Some 0.5-3.0% fine grained cubic pyrite disseminated from about 83'.	2032	83.5	86.7	3.2	.005
96.5	204.0	Bedded and massive fine grained andesitic tuff, generally light green and grey with thin chloritic beds throughout. After 103' rock becomes increasingly pale coloured and calcareous (appears altered). After 160' the tuff is very sericitic light yellow-bone in colour and carbonate-rich. The tuff from 160-204' very well bedded with laminations defined by concentrations of chlorite and sericite. Quartz eyes are conspicuous locally, usually sub-mm to pinhead size. The more siliceous section of the tuff carries from 1-4% pyrite as V fine grained disseminations and as 1-3mm cubic grains. 2mm - 5cm QCV and QCS occur throughout this section and generally parallelfoliation and bedding which makes an angle of 60° to the core axis.	2033	96.0	101.0	5.0	Tr
			2034	103.0	107.8	4.8	Tr
			2035	107.8	112.8	5.0	Tr
			2036	117.7	122.2	4.5	.005
			2037	135.5	140.5	5.0	.03
			2038	140.5	143.5	3.0	.01
			2039	143.5	148.5	5.0	Tr
			2040	148.5	153.0	4.5	Tr
			2041	153.0	158.0	5.0	.005
			2042	158.0	163.0	5.0	.005
			2043	163.0	167.7	4.7	.08
			2044	167.7	172.7	5.0	Tr
			2045	172.7	177.7	5.0	.045
			2046	177.7	182.5	4.8	.05
			2047	182.5	187.5	5.0	.01
			2048	187.5	192.5	5.0	.01

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-3
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz ton
96.5	204.0	cont'd.	2049	192.5	197.5	5.0	.04
			2050	197.5	200.7	3.2	Tr
			2051	201.8	204.0	2.2	.005
204.0	243.0	Very schistose zone with well developed chlorite and sericite and QCS throughout.	2052	211.0	214.0	3.0	Tr
		Some short sections carrying fuchsite and quartz carbonate veins with pyrite.	2053	231.8	236.8	5.0	Tr
		Threadlike black tourmaline noted in some veins. The rock was probably mafic					
		volcanics and gabbro originally, although sericitic siliceous tuff occurs at 231.8 -					
		236.8'. C.A. < foliation = 68°.					
		End of Hole					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-3

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE 0+50N

DEPARTURE 0+50E

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site, 1+00W,1+00S

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
20'	44°		
200'	43°		
353'	39°		

TOTAL DEPTH OF HOLE 353'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-4

CORE SIZE BQ

STARTED July 17,1981

FINISHED July 20,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton				
0	19.5	Casing to bedrock.									
19.5	25.0	Very well foliated mafic volcanic rock, flow or tuff. QSC and threads occur throughout. Nil - Tr sulphide.									
25.0	29.0	Bedded tuff, sericitic beds 2mm - 1cm alternate with dark chloritic beds. Very fine grained disseminated pyrite.	2054	25.0	29.0	4.0	Tr				
29.0	32.5	Massive dark chloritic tuff or sheared flow rock. Nil sulphide.									
32.5	40.0	Light grey - yellow-grey bedded sericitic tuff as from 160-200' in DDH NC-3.	2055	32.5	33.5	1.0	Tr				
		Very fine grained disseminated pyrite - Tr-1%. However, from 35.5-37.5' 3-15%	2056	33.5	37.5	4.0	.435				
		pyrite disseminated and concentrated in bands.	2057	37.5	38.5	1.0	.14	38.5-40.0?			
40.0	49.5	Massive dark chloritic rock, mafic tuff or flow. QCS throughout, only Tr pyrite.									
49.5	52.0	Feldspar porphyry very siliceous well sericitized.	2058	49.5	52.0	2.5	Tr				
		Very fine grained and 'dusty' pyrite disseminated throughout.									
52.0	58.0	Massive and bedded green tuff, some thin dark chloritic beds are notably feldspathic.	2059	56.0	58.0	2.0	Tr				
58.0	87.0	Massive and bedded dark green mafic tuff interfingering with amygdaloidal mafic flow rock. Bedding is indistinct but is present throughout this section. QCS and threads.									
87.0	103.0	Medium-grained equigranular gabbro. Pale yellow-green colour due to saussuritized feldspar.									
103.0	110.0	Massive mafic flow or tuff. Up to 1% disseminated pyrite over short 2' sections.	2060	106.1	106.6	0.5	Tr				
		C.A.< bedding and foliation = 65°.	2061	107.5	109.5	2.0	Tr				
110.0	122.8	Green bedded tuff and ash-tuff predominates. At 111.5-112.5 siliceous sericitic	2063	111.5	112.5	1.0	Tr				
		laminated tuff with thin - 2mm pyrite bands. This is probably the same tuff	2062	113.7	116.0	2.3	Tr				
		that appears between 60-61' in DDH NC-3.	2071	116.5	117.7	1.2	.005				
		At 117.5-119.0 there is a well mineralized sericitic zone which is probably tuff.	2064	117.7	120.4	2.7	.07				
			2065	120.4	122.4	2.0	.01				
122.8	136.5	Massive mafic tuff and/or flow rock with 1.0-2.0% disseminated cubic pyrite	2066	131.2	136.2	5.0	.005				
		grains (1mm) over 5 feet in places.									
136.5	167.6	Interbanded green, light green tuff and yellow-green pyritic tuff.	2067	136.5	141.0	4.5	Tr				
		Approximately 0.5-1.0% pyrite is disseminated throughout and some sections of	2068	141.0	146.0	5.0	Tr				
		sericite-carbonate-rich tuff carry 2.0-4.0% cubic pyrite grains(0.5-1.0mm)	2069	146.0	151.0	5.0	Tr				
		Many QCV and stringers carrying pyrite over this section of core.	2070	151.0	156.0	5.0	Tr				
			2072	156.0	159.6	3.6	.005				
			2082	159.6	161.0	1.4	.005				

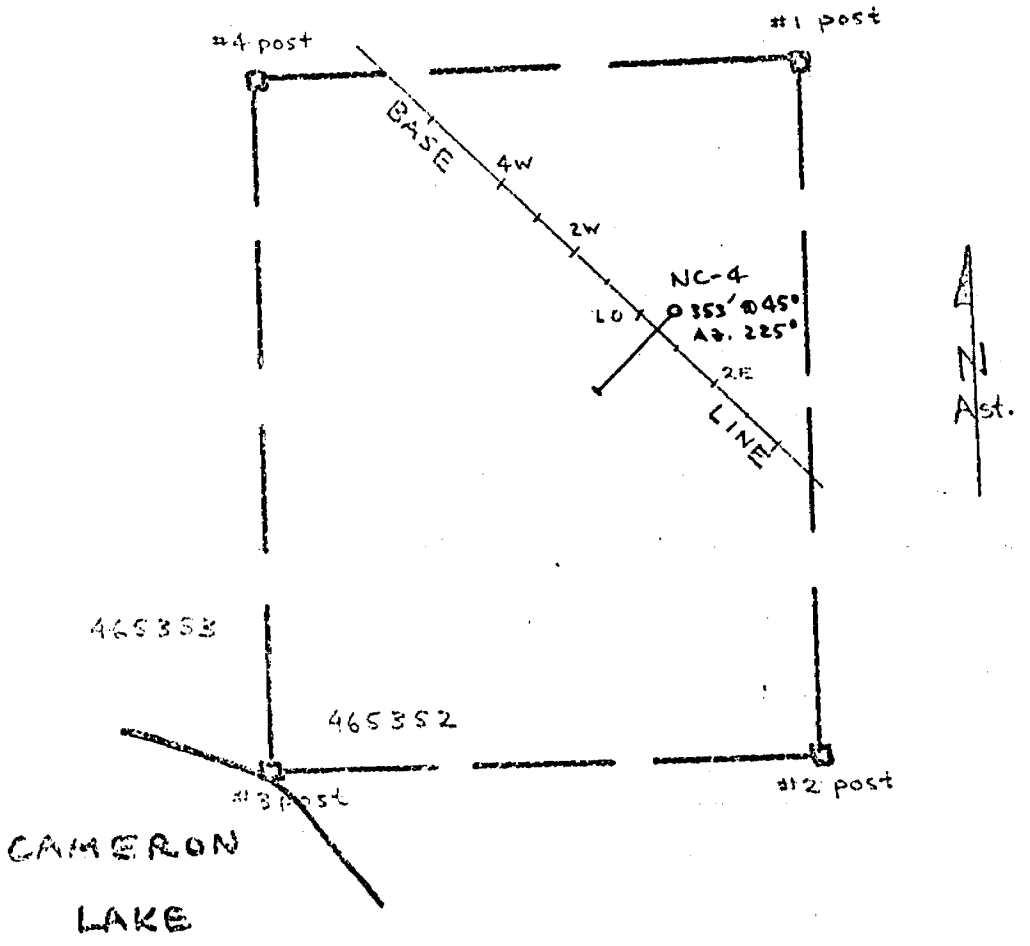
NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-4

Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz/ton
			2073	161.0	166.0	5.0	Tr
			2074	166.0	167.6	1.6	Tr
167.6	203.5	Light green to dark green massive and thin bedded tuff. Approximately 0.5-1.0%	2075	168.2	170.4	2.2	Tr
		fine grained pyrite cubes disseminated throughout - up to 2.0% pyrite over a few	2076	175.2	180.2	5.0	Tr
		feet. A few narrow zones of bedded sericitic tuff, such as at 192' and 198'.	2077	180.2	185.2	5.0	Tr
		Much less sericite and carbonate or QCV with sulphide than 136.5-167.6'.	2078	185.2	190.2	5.0	Tr
			2079	191.0	193.0	2.0	.005
203.5	213.0	Light yellow to pinkish-grey bedded pyritic tuff. Very similar to sulphide-rich	2080	203.5	208.5	5.0	.07
		section in NC-3 (160-204').	2081	208.5	213.0	4.5	.07
		From 1-4% disseminated pyrite cubes pinhead-size to 1mm. The variation in					
		sulphide content reflects the bedded nature of the tuff. QCV and QCS throughout.					
		This rock appears to be carbonate-rich. C.A. < foliation = 72°.					
213.0	248.0	Interbedded green and grey tuff with pyritic light yellow and grey beds.	2083	213.6	218.0	5.0	.005
		Less pyrite overall than previous section, however, some short sections, e.g.	2084	220.3	223.0	2.7	.02
		228-232' are light yellow-grey coloured and pyritic like 203.5-213.	2085	223.0	228.0	5.0	.02
			2086	228.0	232.8	4.8	.04
			2087	233.0	237.0	4.0	.04
			2088	237.0	241.5	4.5	.005
			2089	243.0	247.7	4.7	Tr
248.0	290.0	Sheared chloritic QCS - Zone. A few quartz veins 3cm-25cm wide. Heavy sericite	2090	260.1	261.7	1.6	Tr
		and QCV and QCS at 281-284.5'. Sericitc pinkish-yellow pyritic tuff at 284.5-	2091	275.5	278.5	3.0	Tr
		287.0'. From 287.0-290.1' sericitic QCS-Zone as from 281.0-284.5'. Tr sulphide	2092	281.4	284.3	2.9	Tr
		in the shear zone overall.	2093	284.3	286.8	2.5	Tr
		C.A. < foliation = 70° .	2094	288.8	290.0	1.2	Tr
290.0	326.7	~~Dark green bedded mafic tuff, very find grained~~	2095	290.3	291.3	1.0	Tr
		with Tr- 1.0% sulphide over very short sections. This section of core is relatively	2096	292.1	292.6	0.5	Tr
		unsheared compared to 248-290'. QCS throughout.	2097	293.2	294.4	1.2	Tr
326.7	333.0	~~Feldspar porphyritic gabbro with local oxidized hematitc zones over 2.0-5.0 cm~~					
333.0	353.0	Medium grained equigranular gabbro. Massive with barren QCV amd QCS to the end					
		of the hold.					
		End of Hole.					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-4

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE 0+50S

DEPARTURE 0+50E

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE 1+00W, 1+00S

NUINSCO RESOURCES LIMITED
DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10'	46°		
~~213'~~	~~44°~~		

TOTAL DEPTH OF HOLE 213'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-5

CORE SIZE BQ

STARTED July 21,1981

FINISHED July 22,1981

SIGNED: Doug Hunter A.D.Hunner, Geologist

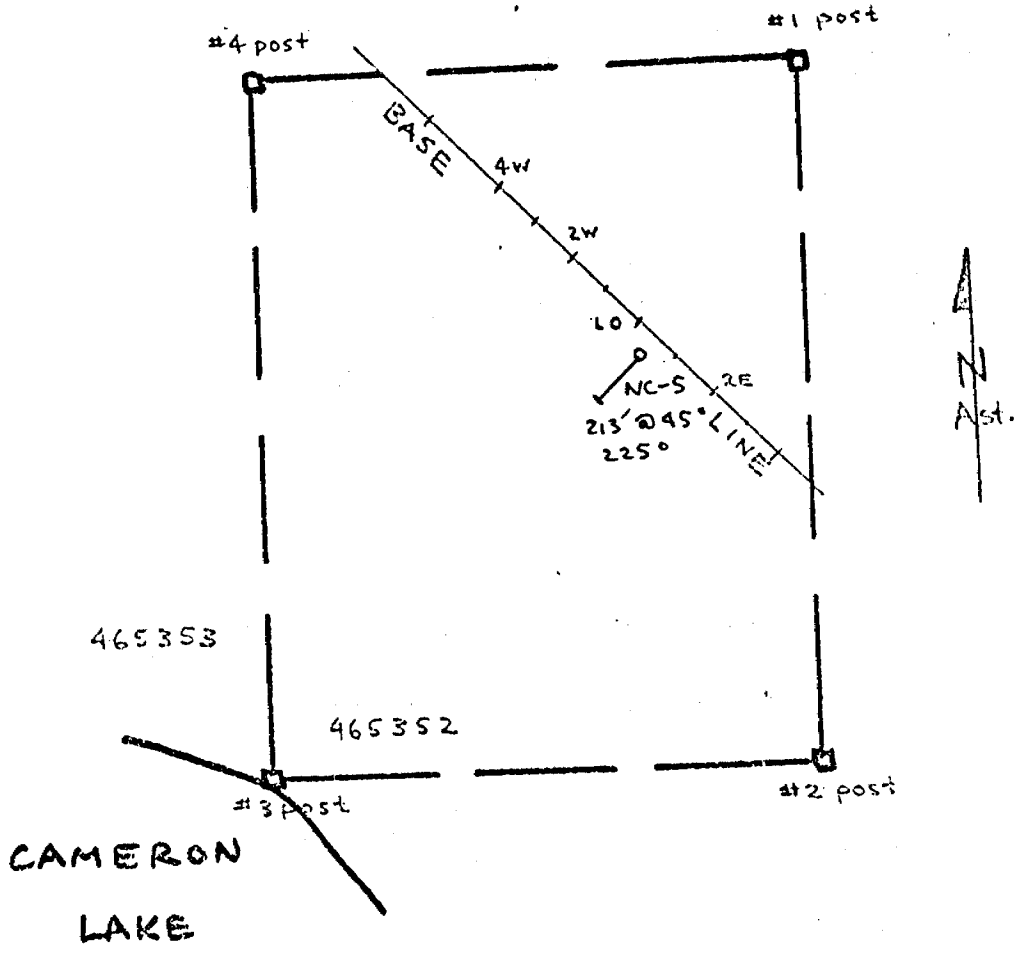
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton	
0	11.5	Casing to bedrock						
11.5	34.0	Massive dark green fine to medium gabbro and (?) mafic volcanic rock.	2098	20.3	24.5	4.2	Tr	
34.0	44.5	Light green massive and bedded tuff with Tr - 0.5% pyrite; indistinct contact with previous section QCS throughout, many exhibiting pinkish coloured carbonate-sericite alteration selvadges.	2099	34.5	37.7	3.2	Tr	
44.5	136.4	Light grey, green and sericitic yellow carbonate-rich tuff, alternating with green cloritic massive beds and laminae to about 70'. From here to the end of the section about 90% of the tuff is light coloured pyritic and carbonate-rich as in NC-3 and NC-4. The tuff is very well bedded and contains from 1-4% disseminated pyrite grains, generally 1mm in size. C.A. < foliation and bedding = 65°.	2100	44.5	46.3	1.8	.005	
			2101	47.1	47.7	0.6	Tr	
			2102	47.7	52.5	4.8	.005	
			2103	52.5	57.5	5.0	.005	
			2104	57.5	62.3	4.8	.005	
			2105	62.3	67.1	4.8	.02	
			2106	69.5	72.0	2.5	.01	
			2107	72.0	77.0	5.0	.005	
			2108	77.0	81.9	4.9	.245	
			2109	81.9	86.7	4.8	.245	
			2110	86.7	91.3	4.6	.03	
			2111	91.3	96.3	5.0	.03	.115/33.5'
			2112	96.3	101.0	4.7	.115	
			2113	101.0	105.5	4.5	.07	
			2114	105.5	110.5	5.0	.07	
			2115	110.5	115.5	5.0	.04	
			2116	115.5	120.5	5.0	.04	
			2117	120.5	125.5	5.0	.06	
			2118	125.5	130.2	4.7	.02	
			2119	130.2	136.4	6.2	.04	
136.4	176.0	Chlorite-sericite QCS-Zone. Highly sheared, origin difficult to dertermine. Pinkish colouration due to hematite throughout much of this section. Nil-Tr. pyrite except where there is 1% pyrite in a QCV at 152.5-154.4'. C.A. < folation = 70° .	2120	151.8	154.4	2.6	.01	
			2121	159.8	161.8	2.0	Tr	
176.0	183.5	Pinkish (hematitic) bedded sericitic tuff with 0.5% pyrite disseminated throughout as in NC-3 and NC-4. From 181.0-183.5' the tuff is light yellow green with about 1% fine grained disseminated pyrite.	2122	176.0	181.0	5.0	.005	
			2123	181.0	183.6	2.6	.005	

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-5
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz/ton
183.5	189.0	Well bedded green mafic tuff with Tr-0.5% disseminated pyrite. QCS throughtout.	2124	185.1	186.4	1.3	.005
189.0	213.0	Dark green, fine to medium grained massive tuff? with darker thin chloritic beds and wisps evident. There are enough hints of bedding to indicate a tuffaceous rock, however locally the rock could be interpreted to be gabbro. Disseminated carbonate rhombs, generally 1mm are conspicuous in some short 1-2 foot sections. Only Tr pyrite and one sub-mm grain of chalcopyrite was noted.					
		End of Hole.					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-5

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE 0+50S

DEPARTURE 1+00E

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE 1+00W, 1+00S

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10.0'	46.0°		
203.0'	43.5°		

TOTAL DEPTH OF HOLE 203'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-6

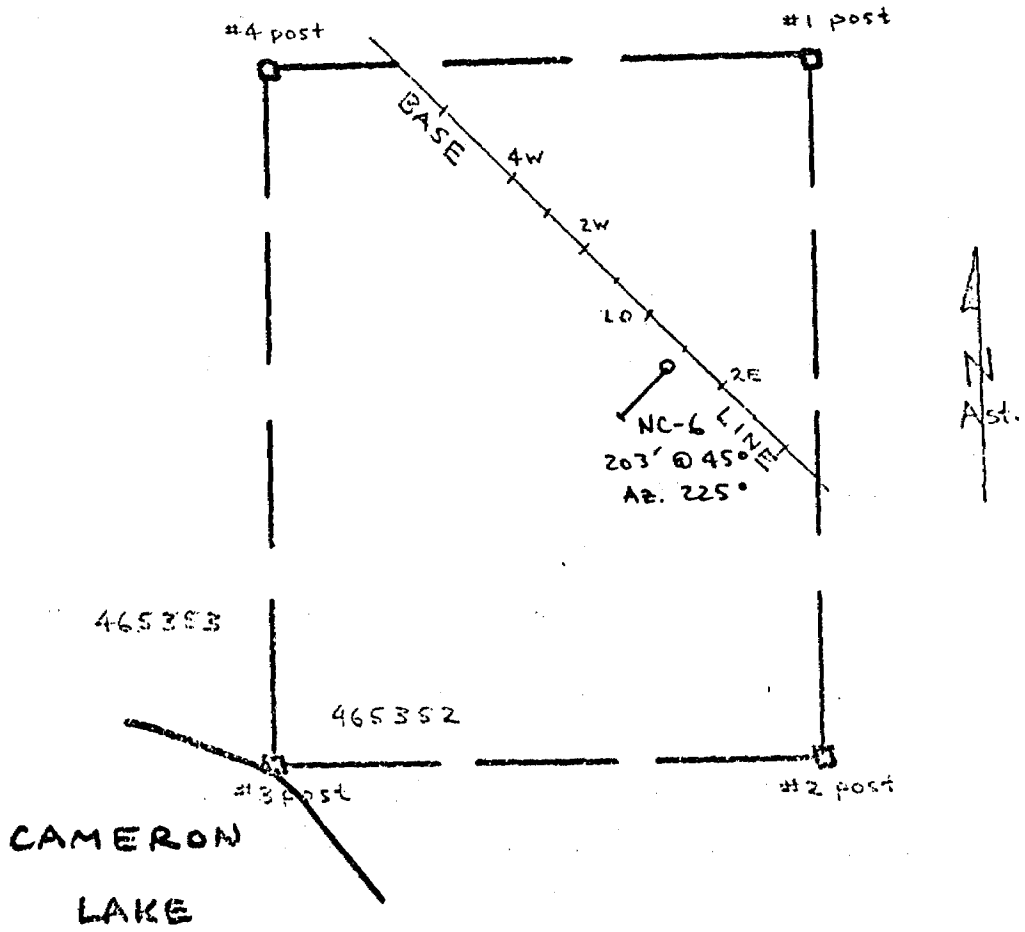
CORE SIZE BQ

STARTED July 22,1981

FINISHED July 23,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton	Ag.
0	7.0	Casing						
7.0	78.0	Medium green coloured tuff, well bedded throughout, thin chloritic layers and greyish feldspathic beds. In general massive and thick beds (1-3') alternate with thin bedded and laminated sections. Carbonate occurs as sub-mm rhombs disseminated (5%) throughout some thick beds. On the whole only Tr pyrite, however up to 1.0% over short sections. QCS throughout.	2125	8.5	9.2	0.7	Tr	
			2128	14.8	16.2	1.4	.005	
			2126	37.3	38.8	1.5	Tr	
			2127	46.6	48.2	1.6	Tr	
			2129	70.4	72.2	1.8	.01	
			2130	78.0	79.2	1.2	.06	
78.0	145.0	Very well bedded light yellow sericitic tuff occurs throughout this section. This tuff is colcaveous and pyritic as in DDH Nc-3,NC-4,NC-5 and interfingers with more mafic-chloritic beds and laminae. The best section of yellow pyritic tuff occurs between 95.0-108.0'. Another 3 foot interval occurs between 78-81'. Pyrite varies between 1-3% and is disseminated throughout. From 108' to the end of this section is very well bedded-colour banded with green and yellow laminae alternating. Much less sericite, carbonate or pyrite (0.5-1.0%) than the interval 95.0-108'. C.A.< bedding = 60°.	2131	79.2	84.0	4.8	.005	
			2132	84.0	89.0	5.0	Tr	
			2133	89.0	93.8	4.8	Tr	
			2134	93.8	98.8	5.0	.02	
			2135	98.8	103.5	4.7	.145	
			2136	103.5	108.2	4.7	.185	.165/9.4'
			2137	108.2	113.2	5.0	.02	
			2138	113.2	118.2	5.0	.005	
			2139	118.2	122.5	4.3	.01	
			2140	123.7	127.2	3.5	.185	
145.0	185.0	Sheared, very well foliated chloritic QCS-Zone. Contact with above zone indistinct. The rock exhibits hermatitic spotting as in the other holes. Nil - Tr pyrite locally. Tr pyrite in a QCV at 152.0-152.7'. Much more sericite from 175.0-185.0' where the rock has the distinct appearance of bedded tuff. In this 10 foot interval there rock is comprised of up to 40% QCS's. Tr amounts of pyrite as from 175.3-180.3'. C.A.< foliation = 70°.	2141	131.5	134.3	2.8	.02	
			2142	152.0	152.7	0.7	Tr	
			2143	161.0	165.9	4.9	Tr	
			2144	175.3	180.3	5.0	Tr	
185.0	188.5	Green bedded mafic tuff with QCS's and rusty-oxidized core at 187-188'.						
188.5	201.5	Massive dark green mafic tuff with local evidence of bedding as in DDH NC-5, 189-213'.						
201.5	203.0	Dark green fine grained equigranular gabbro, very massive, could be tuff?						
		End of Hole.						



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352
D.D.H.NO. NC-6
SCALE: 1"=400'
DATE: Nov. 23/81
DRAWN BY: A.D. HUNTER, GEOLOGIST
SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 0+46.5N

DEPARTURE L0+00

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE 1+00W,1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
14'	45.5°		
35.3'	38°		

TOTAL DEPTH OF HOLE 353'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-7

CORE SIZE BQ

STARTED July 24,1981

FINISHED July 25,1981

SIGNED: Doug Hunter -A. Brhunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton	Au	Ag	*Au	*Ag
0	13.0	Casing									
13.0	23.0	Dark green massive medium grained equigranular gabbro.									
23.0	38.0	Bedded? slatey mafic tuff with highly sheared amygdaloidal lava. QCS throughout. C.A. < foliation = 70°.	2145	24.3	25.7	1.4	Tr				
38.0	55.5	Medium green coloured massive bedded tuff with some well bedded sections such as at 51.2-54.5' where the tuff is carbonate and sericite-rich with 2-5% pyrite.	2146	35.0	36.0	1.0	.01				
			2147	51.2	53.0	1.8	.005				
			2148	53.0	54.5	1.5	.57	*			
55.5	80.0	Massive dark green mafic tuff, characterized by sub-mm carbonate rhomb dissemination throughout - similar tuff noted in other holes. There may also be some massive flow rock in this section.	2149	56.5	58.8	2.3	.01				
80.0	106.0	Pillowed, locally amygdaloidal (quartz) mafic lava, narrow well foliated darker zones are probably selvedges whereas pillow centres may be medium grained and massive. Massive amygdaloidal flow from 95.5-106.0'. Tr-1% pyrite over short sections.	2150	104.3	106.0	1.7	.005				
106.0	126.3	Carbonate-sericite-rich zone with 2-3% disseminated pyrite. Highly altered mafic lava with intercalations of tuff, e.g. at 106.5-107.5'. Well bedded, very sericitic at 123.3-126.3'. Many 20-30% QCV and stringers. Narrow band of 30% pyrite at 124.3'.	2151	106.0	107.8	1.8	.21				
			2152	107.8	109.2	1.4	.01				
			2153	109.2	113.8	4.6	.01				
			2154	113.8	118.6	4.8	.02				
			2155	118.6	123.3	4.7	.01				
			2156	123.3	126.3	3.0	.005				
126.3	231.0	Dark green massive and pillowed mafic volcanics with grey carbonatized pyrite zones and interflow calcareous-sericitic tuff from place to place. Some gabbro noted (as described above) from 130-137'. 157.5-162.5' - grey carbonatized lava with 1-2% disseminated cubic pyrite grains. 181.3-193.5' - grey carbonatized amygdaloidal lava with minor calcareous, sericitic tuff. Tr-1% disseminated pyrite 214.5-217.4'	2157	126.5	128.3	2.0	.005				
			2158	157.5	162.5	5.0	.01				
			2159	181.3	182.1	0.8	Tr				
			2160	182.1	186.3	4.2	Tr				
			2161	186.3	187.4	1.1	.01				
			2162	190.1	193.4	3.3	Tr				
		219.2-231.0' highly altered greyish coloured mafic lava with 1-2% disseminated pyrite.	2163	214.5	217.4	2.9	Tr				
			2164	219.1	223.9	4.8	Tr				
			2165	223.9	228.7	4.8	.05				
			2166	228.7	233.5	4.8	.01				
231.0	247.2	Thin bedded laminated, light yellow sericitic tuff with 0.5-2% disseminated pyrite. Probably carbonate-rich. Resembles tuff in other holes, however, this is not as calcareous or as well mineralized. C.A. < bedding = 70°.	2167	233.5	238.5	5.0	.08				
			2168	238.5	243.5	5.0	.02				
			2169	243.5	245.8	2.3	.01				

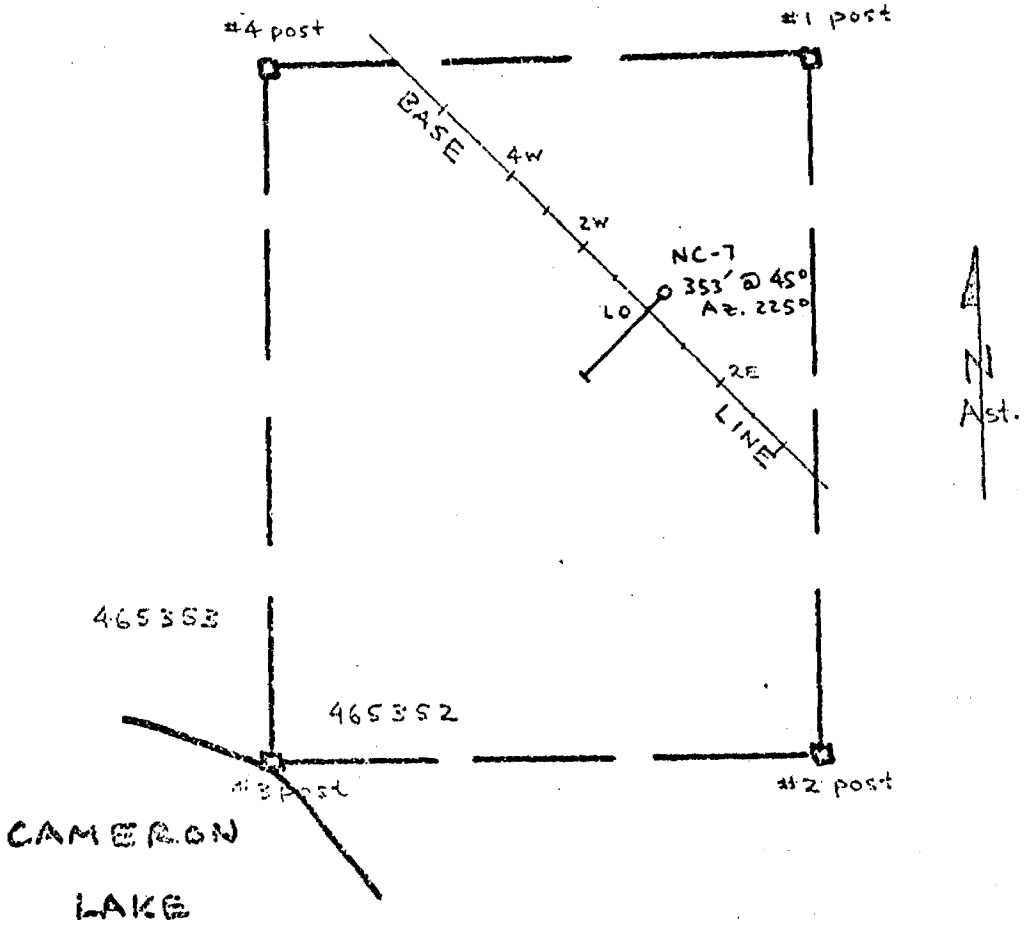
NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-7

Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton
247.2	284.0	Very well foliated 'massive' tuff, distincty speckled by greenish coloured sericite. Nondescript rock with QCS throughout. Nil-Tr pyrite. From 257.7-259.0' quartz porphyritic sericite schist. C.A. < foliation = 70°.	2170	257.7	259.0	1.3	.02
284.0	292.8	Highly sheared chloritic QCS-Zone as in other holes drilled to date. Oxidized and very earthy-hematitic from 284.0-285.5'.					
292.8	299.7	Pinkish coloured sericitc laminated tuff with Tr-0.5% disseminated pyrite. This tuff is present in holes NC-3, NC-4, Nc-5 and NC-6.	2171	293.0	298.0	5.0	.02
			2172	298.0	299.7	1.7	Tr
299.7	314.4	Schistose chloritic tuff and light yellow-green sericitic tuff with chlorite spots throughout. Some sections carry Tr-0.5% very fine grained pyrite e.g. 305.3-309.3'	2173	305.3	309.3	4.0	Tr
314.4	340.5	Dark green mafic volcanic rock with a few isolated amygdules; massive flow rock? QSC well developed throughout.					
340.5	351.5	Massive bedded (?) green mafic tuff and/or flow. Feldspar porphyry at 340.5-341.5'					
351.5	353.0	Well bedded yellow-green coloured tuff.					
		End of Hole.					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-7

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NOINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 1+55,5N

DEPARTURE 10+00

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
13'	46°		
453'	40.5°		

TOTAL DEPTH OF HOLE 453'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-8

CORE SIZE BQ

STARTED July 26,1981

FINISHED July 28,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

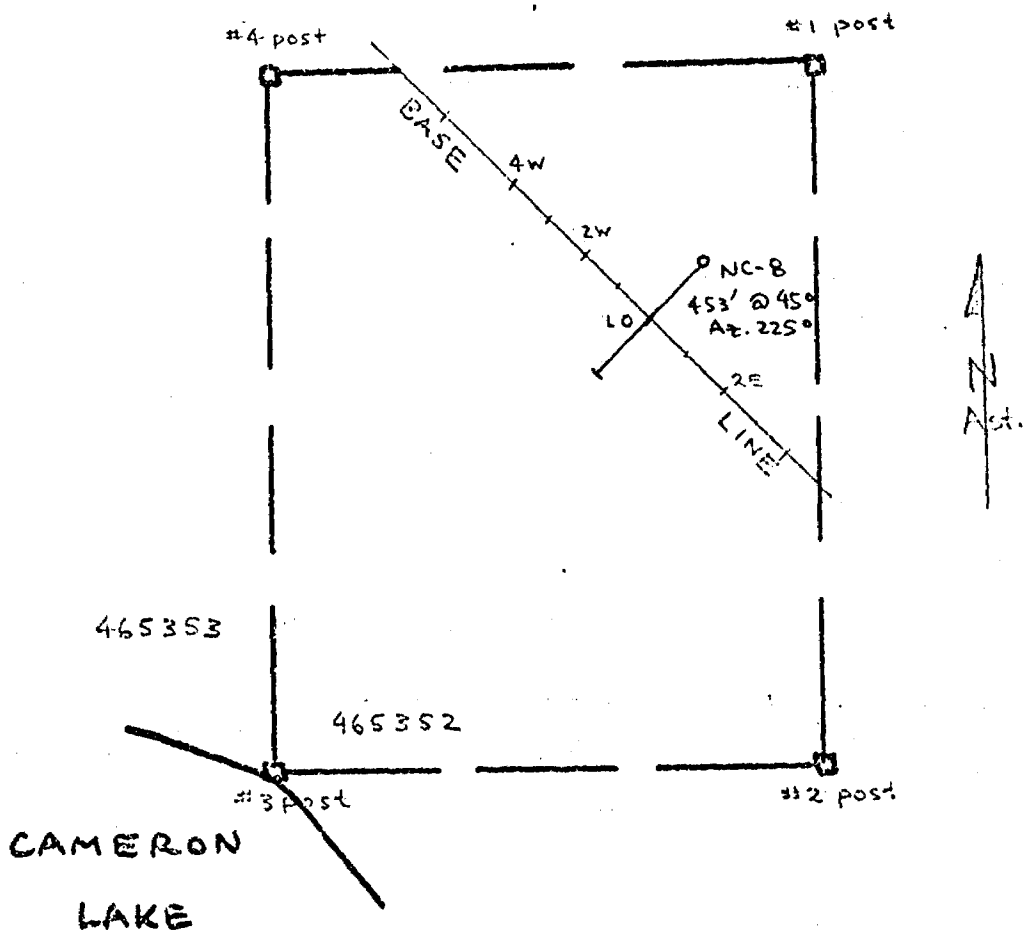
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton				
0	6.5	Casing									
6.5	64.2	Darkgreen medium grained equigranular gabbro. In general massive,only locally sheared as from 38.0-39.0'. A few QCS, these only well developed locally over a 3 foot section.									
64.2	67.9	Dark green bedded mafic tuff. Tr sulphide. C.A.< foliation = 64°.									
67.9	73.7	Dark green massive lava(?)									
73.9	79.1	Very well mineralized, calcareous(?) zone in mafic tuff or flow rock. About 3-5% disseminated pyrite cubes from dust size to~ 1mm. Some narrow QCS.	2174	73.7	79.1	5.4	.40				
79.1	123.5	Massive dark green mafic amygdaloidal flow rock with assocaited minor tuff and/or hyoloclastite.Very well foliated from 117-122' with about 20% QCS. Only Tr pyrite overall. C.A. <shearing = 80°.	2175	117.0	117.8	0.8	Tr				
123.5	131.7	Massive dark green mafic tuff distinguished by conspicuous disseminated carbonate rhombs which range from 0.5-1-2mm in size. This tuff was noted in the previous holes in the zone especially NC-7. Nil-Tr sulphide.									
131.7	133.8	Well foliated mafic tuff.									
133.8	141.2	Bedded mafic tuff with mineralized QCV throughout.	2197	133.8	135.9	2.1	.04				
		Veins contain up to 5% pyrite while the tuff contains 1-2% disseminated pyrite.	2198	137.5	140.1	2.6	.215				
		Laminated calcareous pyritic tuff at 137.5-138.5'. The tuff is much more chloritic over the rest of the section.									
141.2	159.0	Massive mafic tuff and lapilli-tuff with chloritic fragments. Carbonate rhombs, as noted above 123.5-131.7', are conspicuous to ~146'.	2176	141.3	143.0	1.7	.01				
			2177	151.0	153.0	2.0	.005				
		The rock has a bleached appearance with QCV and Tr pyrite at 151.0-153.0' and 156.6-159.0'.	2178	156.5	159.0	2.5	Tr				
159.0	164.5	Green mafic tuff, massive nondescript.	2179	162.5	165.5	3.0	Tr				
164.5	255.0	Amygdaloidal pillowed and massive lava, 1% quartz amygdules. Notable-bleached	2180	168.0	168.9	0.9	.09	.12/8.3'			
		sericitic zone with 1-2% disseminated pyrite cubes (0.2-2mm) and very fine grained magnetite with QCV throughout - at 168.0-176.3'.	2181	168.9	176.3	7.4	.125				
			2182	193.0	194.3	1.3	.02				
			2183	194.6	195.7	1.1	.02				
			2184	195.7	199.1	1.6	.005				
		Well bedded interflow chloritic and sericitc tuff with 3-5% pyrite at 225.8-227.9'.	2185	201.1	203.9	2.8	Tr				
		Local sericitized pyritic sections with QCV - most significant at 227.9-233.2'	2186	209.3	212.0	2.7	Tr				
		where QV up to 0.5'. Sericite 2-3% pyrite are well developed at vein margins	2187	212.0	212.6	0.6	Tr				
		across about 0.2'	2188	223.0	225.8	2.8	Tr				
			2189	225.8	226.9	1.1	Tr				

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-8
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz/ton
164.5	255.0	con't.d.	2190	226.9	227.9	1.0	Tr
		From 200-255' the mafic volcanic rock is conspicuously pyritic (0.5-1%) but not	2191	227.9	233.2	5.3	Tr
		notably altered.	2192	235.1	237.0	1.9	.005
			2193	247.8	252.4	4.6	Tr
			2196	252.4	255.8	3.4	Tr
255.0	257.2	Bedded tuff, chlorite and sericite-rich laminations. Nil-Tr pyrite.					
257.2	311.7	Mafic volcanic rock, amygdaloidal, greyish green colour. Altered (carbonatized?),	2194	267.0	270.9	3.9	.03
		especially from 268-283' where the lava is light grey and yellow-grey and	2195	270.9	175.7	4.8	.02
		mineralized with 1-2% pyrite occuring as cubes disseminated throughout the rock.	2199	275.7	280.5	4.8	.01
		At 303.4-304.5' - bedded sericitic calcaveous tuff carrying 1-2% pyrite.	2200	280.5	283.0	2.5	Tr
		308.0-311.7' - sericitzed zone with QV.	2201	303.0	305.0	2.0	.155
			2202	306.0	307.3	1.3	.175
			2203	309.4	312.2	2.8	Tr
311.7	353.0	Bedded-laminated light yellow-grey pyritic tuff. Approx. 1-3% disseminated pyrite	2206	314.2	319.2	5.0	Tr
		cubes and 'dust' sized grains. This intersection is very similar to rock from	2207	319.2	323.3	5.0	.005
		160-204' in DDH NC-3. Perhpas not quite as well mineralized with pyrite overall	2208	323.3	328.0	4.7	.01
		as NC-3. Again the variation in pyrite content reflects the bedded nature of the	2209	328.0	333.0	5.0	.07
		tuff. Sericitic partings in the rock defines the bedding. The rock is quite soft	2210	333.0	337.8	4.8	Tr
		although it appears to be quite siliceous.	2211	337.8	342.6	4.8	.03
		C.A. < foliation - bedding = 70°-75°.	2212	342.6	347.6	5.0	.07
			2213	347.6	353.0	5.4	Tr
353.0	411.6	Very well foliated greenish-grey tuff with QCS throughout - up to 25% of the rock.	2214	361.0	363.5	2.5	.02
		Intensely deformed and altered from 375.2' where it is a chloritic shear zone with	2215	371.4	373.0	1.6	Tr
		a high carbonate content, reflected in the oxidized-rusty nature of the core.	2216	374.5	375.7	1.2	Tr
		This is the QCS-Zone noted in all holes to date(NC-3-NC-8 incl.)	2217	381.0	383.0	2.0	Tr
		Nil-Tr pyrite except in a few QV(assayed). Ground core over the interval 387-343'.	2218	398.0	403.0	5.0	Tr
		C.A. < foliation = 75°- 80°.	2219	403.0	408.0	5.0	Tr
411.6	413.4	Pinkish coloured sericitic tuff with 1-2% disseminated pyrite. The tuff appears in	2220	411.6	413.4	1.8	Tr
		all holes drilled to date.					
413.4	437.0	Relatively unsheared, dark green mafic volcanic rock. Probably tuff although					
		there may be some flow rock in this section of core.					
437.0	453.0	Medium to dark green, medium grained equigranular gabbro. Very massive only a few					
		QCS. Nil pyrite.					
		End of Hole					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-8

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 0+46.5S

DEPARTURE L0+00

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
11'	45°		
213'	38°		

TOTAL DEPTH OF HOLE 213'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-9

CORE SIZE BQ

STARTED July 28,1981

FINISHED July 29, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

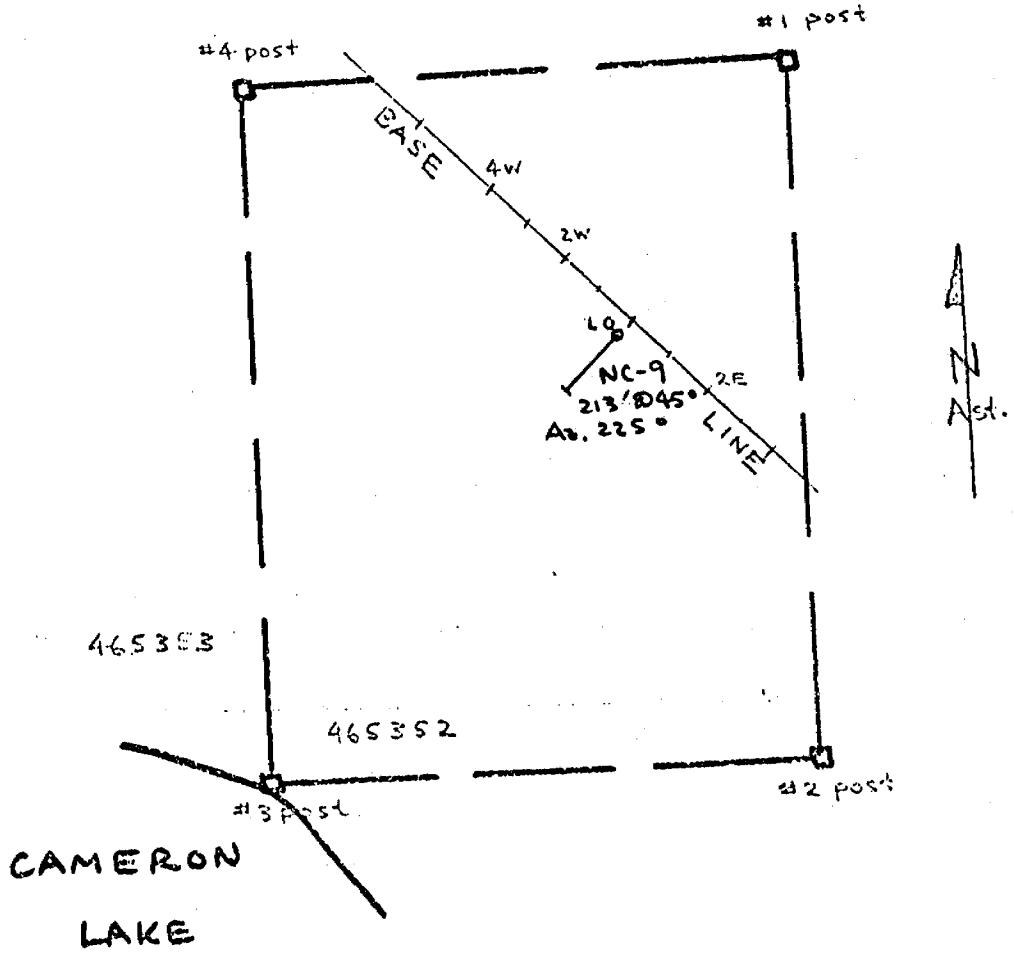
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton
0	11.0	Casing					
11.0	46.3	Mafic volcanic rock with amygdules locally and QCS throughout. Well sheared in general, badly broken-up in core boxes. About 0.5-1% disseminated cubic pyrite grains over short 1-3' sections. The rock appears unaltered.	2204	21.7	24.6	2.9	.005
46.3	52.5	Altered-sericitic zone in volcanics with QV and 1-2% pyrite. Banding in the core probably reflects bedding - good sericitic laminae at 52'.	2205	46.3	48.9	2.6	Tr
52.5	60.0	Green, amygdaloidal mafic volcanic, 0.5-1% pyrite, unaltered					
60.0	^ 81.0	Bleached-carbonatized zone in mafic lava and tuff(?)	2221	48.9	53.0	4.1	Tr
		A few amygdules and evidence of bedding in the core locally. Well mineralized rock with 1-2% pyrite.	2222	60.0	63.0	3.0	.005
			2223	63.0	68.4	5.4	Tr
		A sericitic zone with QCV at 67.0-68.0'.	2224	68.4	70.9	2.5	Tr
			2225	76.8	81.0	4.2	.04
81.0	127.5	Indistinct contact -	2226	82.5	83.7	1.2	Tr
		The rock is now comprised primarily of caronate and sericite-rich tuff.	2227	83.7	88.9	5.2	Tr
		Some dark chloritic beds and laminae. The tuff is pinkish-grey, grey and yellow	2228	90.3	93.5	3.2	Tr
		and very well bedded between 100-127.5'.	2229	93.5	97.3	3.8	Tr
		Chloritic lapilli and more siliceous lappil-tuff with sub-mm quartz eyes between	2230	97.3	98.6	1.3	Tr
		106-112'. Qtz eyes are also conspicuous at 121'.	2231	98.6	103.4	4.8	.005
			2232	103.4	106.7	3.3	Tr
		The pyrite content is 1-3% over this section except locally (e.g.) at 120-121'	2233	106.7	110.8	4.1	Tr
		where it is 5-10%.	2234	110.8	113.5	2.7	.06
			2235	113.5	118.5	5.0	Tr
127.5	148.2	Over this section the tuff is very well bedded and uniform in colour, light-	2236	118.5	123.0	4.5	.04
		yellow-grey and notably sericitic with colour banding defining the variation in	2237	123.0	127.8	4.8	.04
		the content of this mineral. The rock contains 1-4% disseminated pyrite.	2238	127.8	130.3	2.5	Tr
			2239	130.3	131.8	1.5	.005
		From 130-132' green chloritic tuff unit.	2240	131.8	137.4	5.6	Tr
		C.A.< bedding - foliation = 60°.	2241	137.4	143.0	5.6	.005
			2242	143.0	148.2	5.2	Tr
148.2	150.4	'Speckled' light yellow-green tuff, very well foliated	2243	148.2	150.4	2.2	.005
150.4	154.1	Yellow-grey pyritic tuff asfrom 127.5-148.3	2244	150.4	154.1	3.7	.01
			2245	157.1	158.9	1.8	.04

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-9
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton
154.1	176.5	Well foliated 'speckled' light green tuff. Pinkish matitic(?) stained	2246	158.9	161.3	2.4	Tr
		with pyritic QSC and QCV such as at 161.3-163.9'(Assay).	2247	161.3	163.9	2.6	.005
			2248	163.9	166.6	2.7	Tr
			2249	166.6	171.5	4.9	Tr
176.5	183.2	QCS-Zone - sheared chloritic zone with up to 40-50% stringers and narrow veins.	2250	176.5	181.1	4.6	Tr
		Pink - oxidation varies in intensity throughout the core, as noted in other holes.	2251	181.1	186.1	5.0	Tr
		Tr. pyrite except in a QCV where up to 0.5 - 1%.	2252	186.1	191.0	5.0	.005
		From 180.0-181.0sheared pinkish-yellow 'banded' pyritic tuff.	2253	191.0	197.3	6.3	Tr
			2254	203.0	204.4	1.4	.115
183.2	197.2	Bedded pinkish-coloured sericitic tuff, highly sheared to 187.0'. Yellow green colour with a pinkish cast to 195.2'. Light green 195.2-197.2'. Tr-0.5% pyrite - up to 1% locally (over 1' interval).					
197.2	213.0	Light yellow-green to medium green mafic volcanic rock, locally amygdaloidal - probably a flow. Tr. pyrite except in one 3cm QV where there is 1-2% pyrite.					
		End of Hole.					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-9

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE: L0+ 50W, 0+54S
DEPARTURE:
ELEVATION:
BEARING: 225°
DIP AT COLLAR: -45°
CORE STORAGE: On site, 1+00W, 1+00S

NUINSCO RESOURCES LIMITED

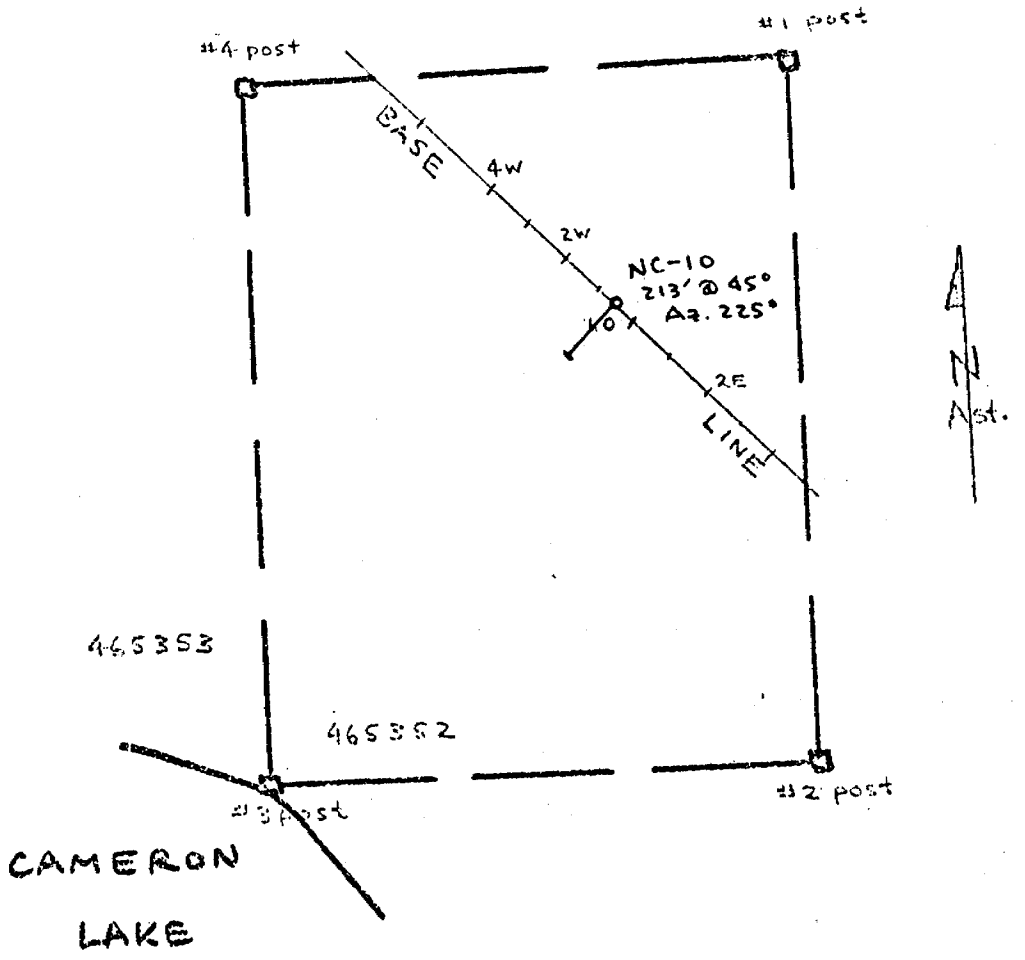
DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10'	45°		
213'	43°		

TOTAL DEPTH OF HOLE: 213'

PROPERTY: Cameron Lake
CLAIM No.: K465352
HOLE No.: NC-10
CORE SIZE: BQ
STARTED: July 30.1981
FINISHED: July 31,1981
SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au. oz ton	
0	7.0	Casing						
7.0	62.5	Bleached-carbonatized mafic volcanic rock, probably flow rock with minor tuffaceous material. Well mineralized with 1% pyrite overall, with the bleached zones containing up to 3% disseminated pyrite. QCS and narrow QV throghout. Most notable zone of alteration and mineralization occurs between 26.9-31.0' where there is up to 10% pyrite. Pyrite grains range in dimension from pinhead to 2mm cubes.	2255	7.0	8.6	1.6	.005	
			2256	9.5	13.0	3.5	.105	
			2257	13.5	14.8	1.3	.31	
			2258	15.1	17.3	2.2	.07	
			2259	17.9	20.8	2.9	.005	
			2260	23.6	25.6	2.0	.01	
			2261	26.7	30.7	4.0	.305	
			2262	31.4	35.3	3.9	.035	
			2263	36.6	39.9	3.3	Tr	
			2264	40.3	44.6	4.3	Tr	
			2265	44.6	49.5	4.9	.01	
			2266	49.5	53.0	3.5	Tr	
			2267	54.3	59.3	5.0	Tr	
			2268	59.3	62.5	3.2	Tr	
62.5	71.0	Thin bedded-laminated grey-yellow tuff. Well mineralized with pyrite (1-5%) Overall about 2% pyrite.	2269	62.5	69.9	7.4	.03	
71.0	128.7	Bleached-carbonatized mafic flow rock amygdaloidal locally. There may also be some massive tuff in this section.	2270	73.8	77.7	3.9	.005	
			2271	83.3	88.2	4.9	Tr	
			2272	88.2	91.3	3.1	.04	
		From 73.8-86.0 dark greyish-green rock with ~20% disseminated sub-mm carbonate rhombs. Pale green amygdaloidal rock from 88.2-91.3. From 96.0-98.0 there is a pyrite QCV network exactly like the rock in the original discovery trench (west end). Here brown pyritic carboante 'fragments' are set in QCV.	2273	91.3	98.5	7.2	.17	
			2274	98.5	103.0	4.5	.07	
			2275	103.0	107.3	4.3	.08	.146/20.9'
			2276	107.3	112.2	4.9	.225	
		The rock is intensely carbonatzied and well mineralized with pyrite (1-2%) from 91.3-122.0'. The best mineralization, 2-5%, pyrite occurs at 91.3-103.0' and 107.3-112.2'.	2277	112.2	116.9	4.7	.005	
			2278	116.9	121.8	4.9	Tr	
128.7	146.7	Thin bedded-lamianted pyritic tuff. Light yellow, grey-yellow and mauve coloured beds. Sericitic and carbonate-rich. Approximately 1-3% disseminated pyrite. Some thicker beds exhibit 2% sub-mm quartz eyes and square crystals.	2279	128.7	131.5	2.8	.005	
			2280	131.5	137.9	6.4	.005	
			2281	137.9	140.8	3.1	.03	
			2282	140.8	146.5	5.7	.005	
146.7	176.5	Green, well foliated 'speckled-tuff' interbedded wtih massive and thin bedded pyritic tuff similar to that of section 128.7-146.7'. Assay intervals correspond to the latter tuff. From 169.3-173.0' QCV in pyritic tuff.	2283	150.3	151.4	1.1	.06	
			2284	161.2	162.4	1.2	Tr	
			2285	165.8	169.3	3.5	.005	



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-10

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE L1+00W, 0+56S

DEPARTURE

ELEVATION

BEARING 222°

DIP AT COLLAR 45°

CORE STORAGE On site 1+00W,1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
12'	45°		
202'	43.5°		

TOTAL DEPTH OF HOLE 202'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-11

CORE SIZE BQ

STARTED August 1,1981

FINISHED August 2,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

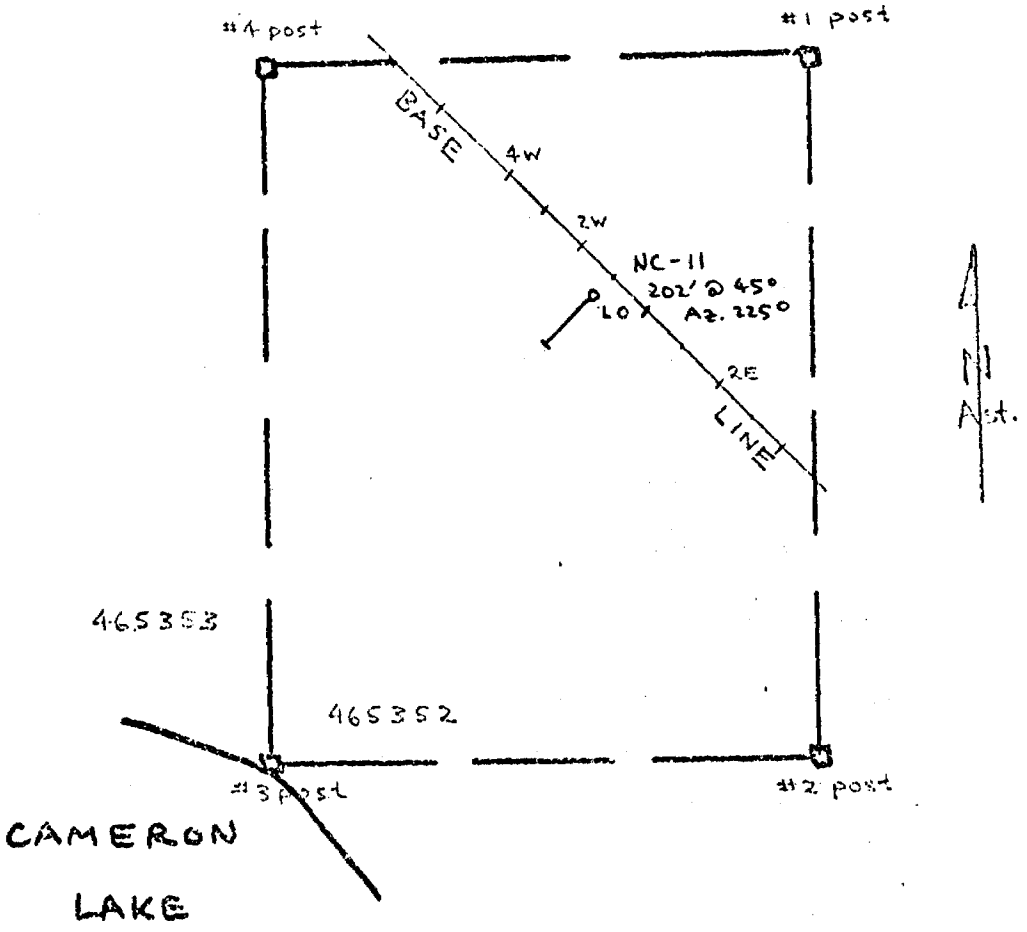
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz ton
0	11.7	Casing					
11.7	14.7	QCV network with 3-5% fine grained disseminated pyrite and up to 1mm pyrite cubes	2291	11.7	14.7	3.0	.12
14.7	17.0	Banded light yellow pyritic zone, resembles tuff in other holes but could be sheared intensely carbonatized mafic lava??	2292	14.7	17.0	2.3	.17
17.0	28.0	Massive dark green mafic volcanic rock, flow or tuff with up to 25% sub-mm carbonate rhombs disseminated throughout.					
28.0	38.0	Bleached-sericitized-carbonatized zone in mafic volcanic rock. From 1-5% disseminated pyrite, QCV throughout. The best mineralization from 31-38' corresponds to the most intensely altered and veined rock.	2293	28.0	31.0	3.0	.01
			2294	31.0	38.0	7.0	.29
38.0	40.1	Unaltered amygdaloidal mafic volcanic rock - probably massive flow as noted in other holes.					
40.1	40.8	Bleached- mineralized section as described for the interval 28.0-38.0'.	2295	40.1	40.8	0.8	.17
40.8	58.5	Relatively unaltered, massive amygdaloidal lava. A massive feldspathic zone with	2296	40.8	43.0	2.2	.01
		some quartz eyes at 49.5-52.0' probably represents tuff.	2297	54.6	57.6	3.0	.01
53.5	60.5	Highly altered, bleached-carbonatized zone in mafic volcanic rock. QCS and QCV with 1-3% pyrite over this section. There may be some sericitic tuff at 57.5-58.5'.	2298	57.7	60.5	2.8	.09
60.5	64.2	Weakly altered mafic volcanic rock-probably flow exhibiting thin, 1mm alteration selvedges on QCS. Pyrite is conspicuous ranging from 0.5-1%.	2299	64.2	70.0	5.0	.245
64.2	70.0	Carbonatized-sericitzed zone with QCS and QCV network with 5-10% diseeminated pyrite locally as from 66.5-67.5'. The rock resembles texturally that from 11.7-14.7' and rock at 96-98' in DDH NC-10, described in some detail in the log of that hole.		(lost core		68.4-69.2'(0.8')	
70.0	78.8	Tuffaceous rocks.					
		70.0-74.8 Thin bedded-laminated light yellow and light green pyritic tuff carrying 0.5-1% sulphide.'Dusty' pyrite associated with QCS on local shears.	2300	70.0	74.8	4.8	.12
		74.8-77.6' Bleached-grey,bedded (?) tuff.	2301	74.8	77.6	2.8	Tr
		77.6-78.8 Thin bedded-laminated siliceous tuff with 3mm pyrite bed. The same lithology that was intersected in the upper section of DDHs NC-3,NC-4,	2302	77.6	78.8	1.2	.005
		C.A. < foliation = 68°.					
78.8	99.5	Massive, darkgreen mafic volcanic rock - flow or tuff. Distinctive due to the dark colour and minerology - up to 25% disseminated sub-mm carbonate rhombs. An amygdaloidal zone over 3cm at the contact with tuff in the above section. Unaltered appearance only very local bleaching about QCS.					

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-11
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton
95.5	107.7	Bleached, light yellow-green amygdaloidal lava with minor interflow siliceous pyritic tuff (exhalite) at 101.9-102.4(0.5') and 104.7-105.3(0.6')	2303	99.5	101.9	2.4	.04
			2304	101.9	102.4	0.5	Tr
			2305	104.7	105.3	0.6	Tr
			2306	105.3	107.7	2.4	Tr
107.7	118.2	Section of bedded pyritic tuff, largely sericite and carbonate-rich. Chloritic tuff is interbedded with to the end of the section. Approximately 1-3% disseminated pyrite except from 108.7-110.2' and 111.3-114.5' where there is 5% pyrite in a QCV network like that between 11.7-14.7' and 64.2-70.0'.	2307	107.7	108.7	1.0	.005
			2308	108.7	111.6	2.9	.205
			2309	111.6	114.2	2.6	.135
			2310	114.2	116.6	2.4	.125
			2311	116.6	118.2	1.6	.005
			2312	118.2	123.0	4.8	.01
			2313	123.0	126.2	3.2	.005
118.2	146.5	Well bedded pyritic tuff. Sericite and carbonate-rich as in other holes. Chlorite and sericite laminae define parting (cleavage) and bedding pleanes. Pyrite content may vary between 1-5%. Short sections with QCS and QCV may carry 5% pyrite.	2314	126.2	133.4	7.2	.05
			2315	133.4	135.7	2.3	.01
			2316	135.7	140.4	4.7	.02
			2317	140.4	146.5	6.1	.06
146.5	173.0	Massive mafic volcanic rock - nondescript. Notable bleaching associated with QCV throughout - most prominent zone 146.5-149.3(assay). Disseminated carbonate rhombs conspicuous from 163-0-171.0'.	2318	146.5	149.3	2.8	Tr
			2319	155.5	156.6	1.1	.01
			2320	164.4	165.0	0.6	.01
173.0	183.0	QCS-Zone, chloritic sheared rock with a high carbonate content - rusty, ozidized seams. Deformed QCS, Nil - Tr pyrite.					
183.0	187.5	Well foliated pinkish grey tuff, which is rusty and muddy (no ground core!) at 183.0-184.0'. Nil - Tr pyrite.					
187.5	190.5	Bleached-carbonatized volcanic rock - origin?					
190.5	202.0	Mafic volcanic rock, massive and nondescript. From 198-202' rock is comprised of 25% disseminated carbonate rhombs. Tr-0.5% pyrite.					
		C.A. < foliation = 65°.					
		End of Hole					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-11

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 0+03S, 1+04W

DEPARTURE

ELEVATION

BEARING -225°

DIP AT COLLAR -45°

CORE STORAGE On site 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
15'	46°		
213'	41°		

TOTAL DEPTH OF HOLE 213'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-12

CORE SIZE BQ

STARTED August 3,1981

FINISHED August 4,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton	
0	12.0	Casing							
12.0	28.0	Well foliated light green-saussuritized mafic volcanic rock. A few QCS/ft.	2321	20.0	20.8	0.8	Tr	.01	
		The core is very badly broken including one rusty QCV at 20.0-20.8'.							
28.0	31.5	Sheared, sericitized zone in above described rock. QCS and 0.5-1% fine grained	2322	28.0	31.5	3.5	.095	Nil	
		disseminated pyrite throughout.							
31.0	33.0	As described for 12-28' above. C.A. < foliation = 65° .							
33.0	56.0	Altered-mineralized zone, may include some tuffaceous rock.	2323	No assay sample.					
		(33.0 - 35.7') - Closely resembles rock from 28.0-31.5'	2324	33.0	35.7	2.7	.20	.04	
		(35.7 - 43.1') - Light yellow sericitic massive lithology carrying 0.5 -2% pyrite -	2325	35.7	42.1	6.4	.125	.04	
		tuff or subvolcanic intrusion.	2326	42.1	46.9	4.8	.385	.05	.187/23'
			2327	46.9	54.1	7.2	.14	.04	
		(42.1 - 54.1') - Very siliceous, well mineralized section characterized by QCV and	2328	54.1	56.0	1.9	.06	.03	
		QCS network with up to 5% disseminated pyrite from dust size to 2mm cubes.							
		(54.1 - 56.0') - Similar to 35.7-42.1', 1-2% pyrite, QCV's.							
56.0	70.0	Massive, dark green mafic volcanic rock with up to 20% disseminated sub-mm rhombs.							
		Nil - Tr pyrite 2-3 QCS/ft.							
70.0	119.5	Massive and pillowed amygdaloidal lava. Dark green in colour with QCS and threads	2329	77.4	78.0	0.6	.005	Nil	
		throughout. Local bleaching with pyrite mineralization. About 0.5-1% pyrite	2330	78.6	80.1	1.5	.01	Nil	
		cubes disseminated over the interval 73.0-119.5'.	2331	97.4	99.9	2.5	.01	Nil	
119.5	134.6	Altered-bleached and mineralized zone in mafic amydaloidal lava. Most intense alt-	2332	119.5	122.7	3.2	.02	Nil	
		eration, pervasive development of sericite and carbonate between 123-130'.	2333	123.0	128.7	5.7	.03	Nil	
		Very fine grained pyrite and cubes 1-2mm.	2334	128.7	133.2	4.5	.04	Nil	
		132.0-134.6' - Intensely sheared and sericitized zone with may represent tuff.	2335	133.2	134.6	1.4	Tr	.03	
134.6	171.8	Massive and pillowed amygdaloidal lava. Dark green only very local, light yellow	2336	143.8	144.2	0.4	.01		
		bleaching in association with QCS. Notable - 5-15% carbonate rhombs disseminated.	2337	158.2	159.2	1.0	Tr	.04	
		One zone at 167.5-171.8 intensely bleached with 0.5-1% pyrite. Thin bedded-	2338	164.8	166.3	1.5	Tr	.04	
		laminated siliceous and mafic tuff at 243.8-145.3'. Locally pyrite may occur in	2339	167.7	171.7	4.0	Tr	.03	
		quartz-carbonate amygdules.							
171.8	186.0	Light yellow bedded pyritic tuff - sericite and carbonate-rich. The tuff carries 1-3%	2340	171.7	174.4	2.7	Tr	.01	
		disseminated pyrite.	2341	174.4	178.9	4.5	.245		
186.0	192.0	Well foliated speckled green tuff and massive light green tuff. Nil-Tr pyrite.	2342	178.9	186.0	7.1	.035	.02	
			2343	187.0	189.1	2.1	.07	Nil	

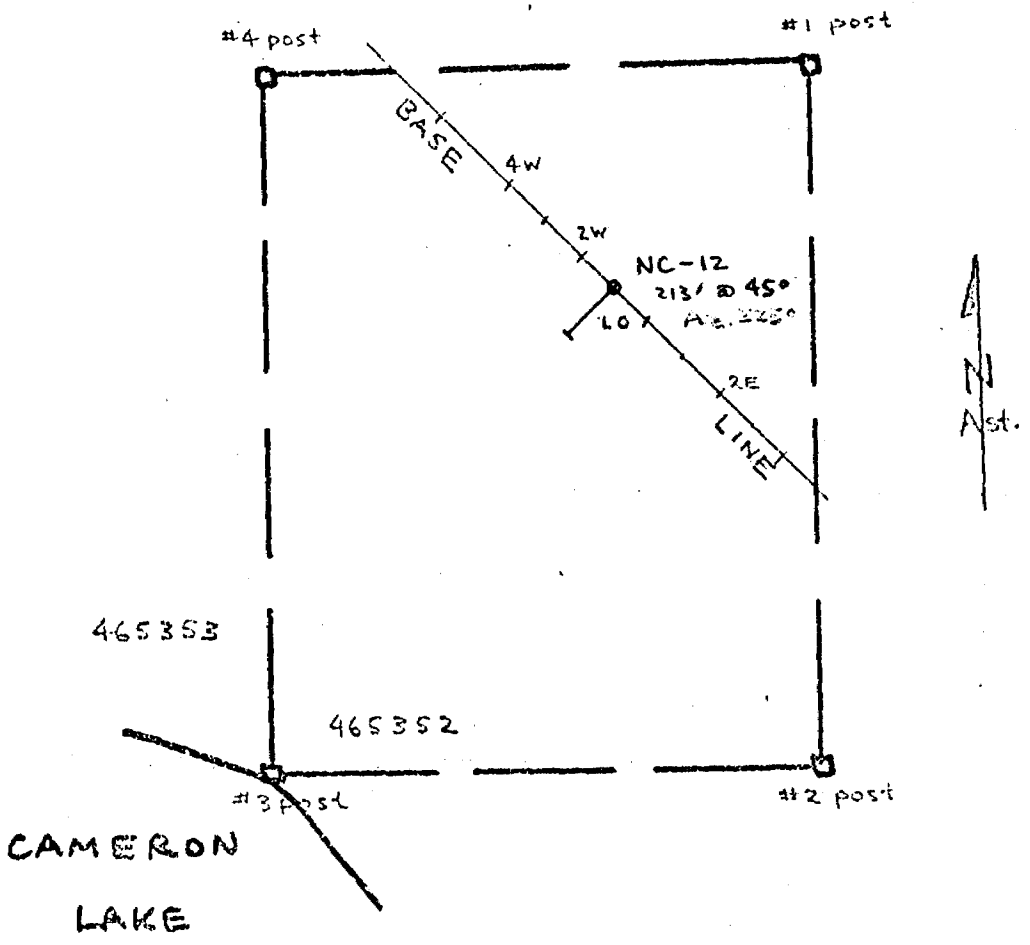
NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-12

Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton
192.0	196.5	Tuff as from 171.8–186	2344	192.0	196.5	4.5	Tr	Nil
		C.A. < foliation = 65° .						
196.5	208.4	Mixed sericitic tuff and bedded dark green tuff carrying 1–2% pyrite.	2345	196.5	201.1	4.6	Tr	.02
208.4	213.0	Massive dark green mafic volcanic rock.	2346	201.4	205.2	3.8	.01	.03
		End of Hole	2347	205.7	208.4	2.7	Tr	Nil



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-12

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE BL, 0+50W

DEPARTURE

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site, 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10'	46		
202'	45		

TOTAL DEPTH OF HOLE 222'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-13

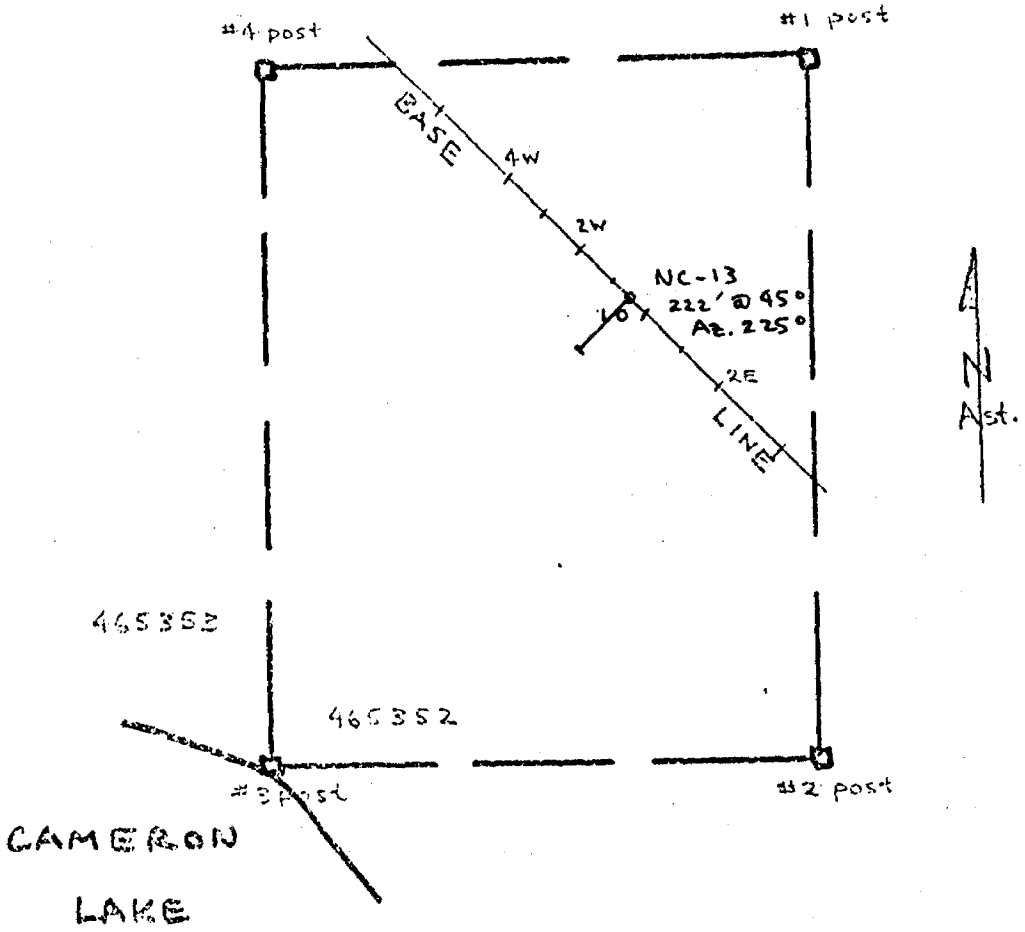
CORE SIZE BQ

STARTED August 4, 1981

FINISHED August 5, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ ton	Ag.oz/ ton
0	7.0	Casing						
7.0	10.0	Core lost during the setting of casing.						
10.0	32.2	Mafic volcanic rock, light green-medium green oxidized QCV and QCS throughout.						
32.2	38.0	Altered-sericitzed and carbonatized zone in mafic volcanic rock. Very light yellow colour, carries 1-3% disseminated pyrite with QCS throughout.	2348	32.2	38.0	5.8	.175	Nil
38.0	47.5	Altered zone in amygdaloidal mafic flow rock. 1-2% disseminated pyrite mineralization, the rock is bleached throughout, selvedges up to 1cm on QCS - not as pervaseily altered as 32.2-38.0'.	2349	38.9	43.0	4.1	.06	Nil
			2350	43.6	47.5	3.9	.005	Nil
47.5	178.8	Dark green, massive mafic volcanic rock, unaltered with several QCS/ft.	2351	83.4	86.1	2.7	Tr	Nil
		Conspicuously amygdaloidal and probably pillowed from 73-125'. The rock	2352	94.0	95.2	1.2	Tr	.06
		is well mineralized with 0.5-1% disseminated pyrite cubes. Local bleaching	2353	95.2	96.7	1.5	.07	.04
		associated with QCS is eveident, e.g., 94.0-95.0'. Intensely altered	2354	98.8	101.0	2.2	Tr	.04
		zones with QCS and QCV and pyrite mineralization occur at 127.7-137.8' and 169.2-	2355	127.7	129.5	1.8	.01	.03
		178.8'.	2356	129.5	134.2	4.7	.01	.02
178.0	184.1	Massive grey tuff, lapilli-tuff. Tr pyrite.	2357	134.2	137.8	3.6	Tr	.03
184.1	222.0	Well bedded, pyritic tuff - light yellow-grey in colour.	2358	138.4	140.6	2.2	Tr	.01
		From 1-3% disseminated pyrite. Green speckled tuff interbedded from 186.5-189.0	2359	169.2	173.0	3.8	Tr	.01
		End of Hole	2360	173.3	178.0	4.7	.005	.03
			2361	178.0	182.2	4.2	.205	.04
			2362	189.0	192.3	3.3	Tr	.03
			2363	192.3	197.3	5.0	Tr	.03
			2364	197.3	201.8	4.5	.02	.03
			2365	201.8	206.4	4.6	.05	.03
			2366	206.4	209.2	2.8	.02	.04
			2367	209.2	211.4	2.2	Tr	.01
			2368	211.4	216.1	4.7	Tr	.03
			2369	216.1	222.0	5.9	.02	.04



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-13

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE 0+50W,0+96N

DEPARTURE

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site, ~~1+00W~~, 1+00S

NUINSCO RESOURCES LIMITED
DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
12'	45°		
373'	40°		

TOTAL DEPTH OF HOLE 373'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-14

CORE SIZE BQ

STARTED August 6, 1981

FINISHED August 8, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

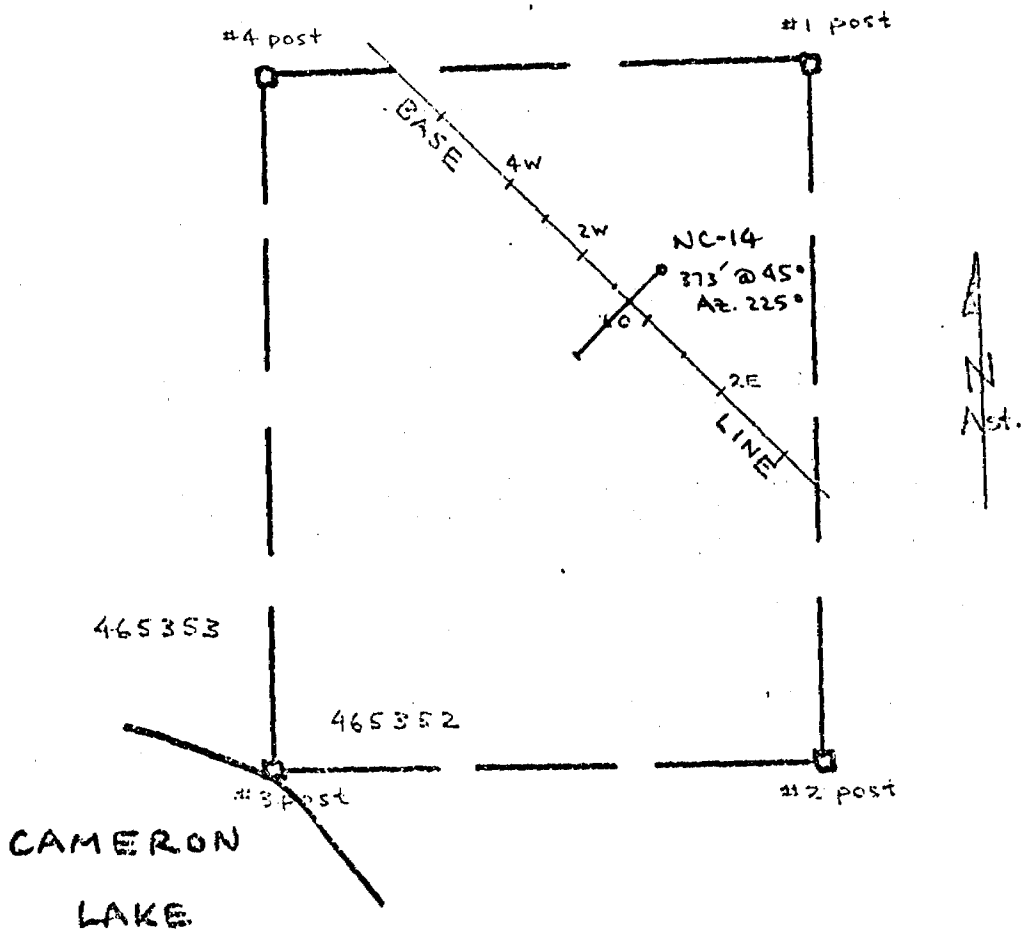
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton
0	10.5	Casing						
10.5	21.2	Dark green, massive amygdaloidal flow. Nil pyrite.						
21.2	41.0	Indistinct contact with above, dark green, medium-cuse grained gabbro. This rock exhibits chloritic wisps which resemble amygdales seen in such rock on surface. Bottom contact is also indistinct suggesting that this section may represent a coarse-grained flow centre.						
41.0	70.0	Fine grained, dark green massive and well foliated mafic volcanic - probably lava. QCS throughout but unaltered. C.A. <foliation = 75°.						
70.0	81.8	Sheared zone in mafic volcanic rock. QCs account for 10% of the rock.	2370	70.4	71.3	0.9	Tr	.03
		Several QCV with black tourmaline bands such as between 75.9-76.9'. Tr pyrite.	2371	73.0	75.9	2.9	.005	.03
			2372	75.9	76.9	1.0	.01	.01
81.8	104.0	Dark green mafic volcanic - probably lava, locally gabbroic in texture (as between 10.5-70.0').						
104.0	111.0	Light green bleached zone, lcoally well sheared, sericitized and carbonatized	2373	104.2	106.2	2.0	.28	.08
		with up to 5% pyrite (104.2-106.2').QCS throughout and QCV up to 8cm.	2374	108.8	111.0	2.2	.02	.03
111.0	230.5	Massive and pillowed locally amygdaloidal mafic volcanic. Conspicuous fine grained	2375	123.0	123.5	.05	.01	.03
		disseminated magnetite to about 147'. Bleached zone with QCV and 2-3% pyrite at	2376	137.7	143.0	5.3	.05	.05
		123.0-123.5'. Only Tr pyrite except in a QCV and QCS - up to 0.5% until 133.0-230.5	2377	145.5	146.5	1.0	.02	.04
		where the rock is well minealized with 0.5-1% pyrite as very find grained	2378	154.8	156.1	1.3	Tr	.05
		disseminations and cubes up to 2-3cm. The rock has a vuggy-mineralized character	2379	166.8	169.2	2.4	Tr	.04
		between 187-208'. C.A. <foliation = 80°.	2380	214.0	214.7	0.7	Tr	.02
		Altered-bleached sericitized zone at 1137.7-143.0'. Approximately 15-20% QCS,	2381	223.0	225.4	2.4	Tr	.04
		1-2% pyrite, 1% magnetite. Laminated-mafic, sericitic siliceous beds between	2382	226.1	228.7	2.6	Tr	.04
		214-215'.						
230.5	244.2	Light yellow-green, grey-green, bleached amygdaloidal lava. Pervasively altered-	2383	232.1	235.5	3.4	Tr	.03
		sericite, carbonate and QCS throughout. Well mineralized, 0.5-2.0% pyrite.	2384	238.9	244.2	5.3	Tr	.03
244.2	265.6	Bedded pyritic tuff, sericite and chlorite-rich sections alternate. Light yellow	2385	244.2	246.7	2.5	Tr	.03
		mineralized (1-5% pyrite) sericitic bands and light grey and green chloritic beds.	2386	246.7	253.0	6.4	Tr	.03
		One very well mineralized, sericite-rich section with 5% pyrite overall. QCV carry	2387	253.0	257.0	4.0	Tr	.04
		coarse grained pyrite - up to 5mm cubes. The section occurs between 157.0-163.0'.	2388	257.0	263.0	6.0	Tr	.04
			2389	263.0	265.6	2.6	Tr	.02
265.6	268.0	Green bedded mafic tuff. Tr pyrite						
268.0	271.0	Light green 'speckled' tuff with 0.5-1% pyrite.	2390	268.0	273.0	5.0	Tr	.02
271.0	303.0	Well bedded pyritic tuff, very light yellow -grey in colour. Thin sericite laminae	2391	273.0	278.5	5.5	Tr	.03

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-14
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton
271.0	303.0	Cont'd.						
		define bedding and foliation planes. Pyrite content 1-4% as very fine grained	2392	278.5	283.2	4.7	Tr	.03
		disseminations and as pyrite cubes (largely sub-mm) or clusters of cubes from	2993	283.2	288.2	5.0	.03	.04
		2-4mm in largest dimension.	2394	288.2	293.0	4.8	Tr	.03
			2395	293.0	298.0	5.0	.125	.03
			2396	298.0	301.0	3.0	.005	.03
303.0	305.6	Well foliated speckled green tuff - Tr. pyrite.	2397	301.0	303.0	2.0	Tr	.02
305.6	320.8	Interbedded light yellow-grey and light green-grey tuff and speckled tuff.	2398	305.1	307.6	2.5	.01	.05
		Laminated locally. Qtz. eyes in siliceous zone between 315.5-316.5'. Tr - 1%	2399	312.6	317.3	4.7	Tr	.01
		pyrite.	2400	317.3	321.1	3.8	Tr	.01
320.8	334.3	Light green speckled tuff and lapilli-tuff. Sheared with QCS between 332.5-334.3'.	2401	323.0	324.5	1.5	Tr	.01
			2402	337.3	341.6	4.3	Tr	.03
334.3	363.0	QCS-zone, chlorite and sericite-rich shear zone. Broken and deformed QCS						
		constitute about 25% of the rock. Pink oxidized (hematite) seams throughout						
		and oxidized QCS from 355-363'. Rusty seam at 362-363'. Tr pyrite overall,						
		up to 0.5% over short sections. C.A. < foliation = 75°.						
363.0	373.0	Light-medium green massive locally amygdaloidal mafic volcanic.						
		End of Hole.						



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-14

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 2+63N

DEPARTURE 0+50W

ELEVATION

BEARING 225°

DIP AT COLLAR -47°

CORE STORAGE On site, 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
30'	51°		
250'	47.5°		
533'	46°		

TOTAL DEPTH OF HOLE 533'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-15

CORE SIZE BQ

STARTED August 9, 1981

FINISHED August 12, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

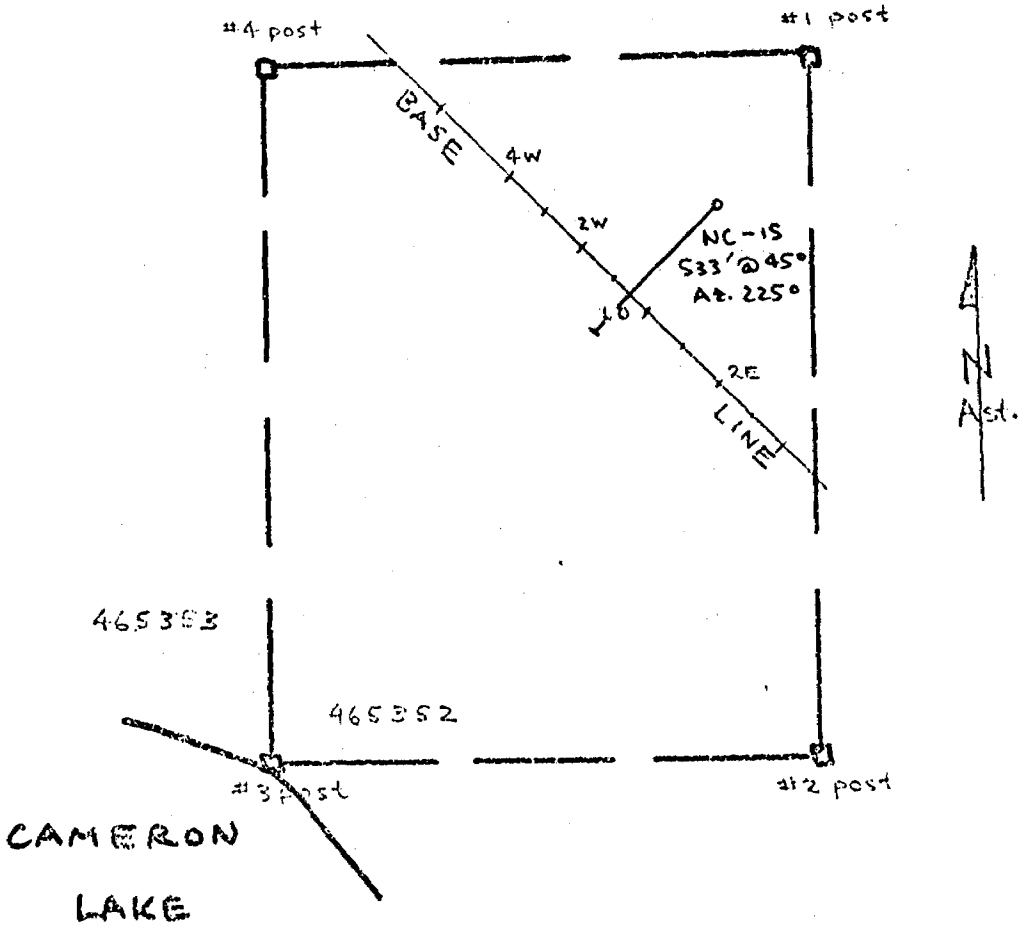
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton
0	32	Casing						
32	200.8	Dark green mafic amygdaloidal flow rock. Texturally variable from aphanitic - fine grained to medium - coarse grained. Wispy chlorite amygdules averaging 1-3mm make up 10-15% of rock. Some small quartz-carbonate amygdules locally (1% of rock). Overall impression - coarse grained chlorite-amygdaloidal flow centres or flow unit centres with fine grained tops and bottoms. Local epidotized zones in association with QCS and 'threads'. Nil pyrite. C.A. <foliation = 72°.						
200.8	213.4	Zone of bleached-sericitzed mafic volcanic rock. Pinkish-coloured(hematite?) QCS with very fine grained disseminated pyrite and magnetite. Best mineralized (1-4% pyrite) and sericitzed from 203.0-206.7'.	2403	203.0	206.7	3.7	.12	.05
			2523	206.7	211.8	5.1	.08	
			2404	211.8	213.0	1.2	.01	.03
			2524	213.0	215.3	2.3	.03	
213.4	239.0	Well bedded yellow sericitic tuff. From 215-218.2' greenish chloritic bleached tuff. Tr-1% very fine grained disseminated pyrite overall. Some sections up to 2% pyrite. QCV prominent from 230.2-238.3'.	2525	215.3	218.5	3.2	Tr	
			2405	218.5	220.8	2.3	.175	.06
			2526	220.8	224.0	3.2	.01	
			2406	224.0	227.1	3.1	.14	.04
			2527	227.1	230.2	3.1	.01	
			2407	230.2	232.6	2.4	.345	.07
			2528	232.6	234.7	2.1	.04	
			2408	234.7	238.3	3.6	.035	.04
239.3	242.3	Massive grey-green tuff. Nil pyrite.						
242.3	247.3	Light yellow-grey massive quartz-feldspar porphyry. Quartz eyes 3-5mm. Rock very siliceous leucocratic with 0.5-1% disseminated very fine grained pyrite. Mineralized QCV and QCS throughout and threads of black tourmaline noted in QCV locally.	2409	242.3	247.3	5.0	Tr	Nil
247.3	303.5	Medium-dark green mafic volcanic rock, locally amygdaloidal. Pyritic section with QCV at 256.5-257.6. Local 'vuggy' texture with 1% pyrite. A few narrow QCV with Tr - 1% pyrite.	2410	256.5	257.6	1.1	.13	.06
			2411	264.0	264.7	0.7	.125	.05
303.5	319.0	Massive dark green lava or tuff with up to 15-20% disseminated sub-mm carbonate rhombs. A few isolated narrow QCV.						
319.0	334.5	Light green - yellow - green bleached zone in mafic volcanics. Well sericitized with 3-5% pyrite and QCV from 325.0-326.0 and 331.9-333.0. About 0.5-1% disseminated pyrite cubes overall. Light pinkish colouration locally.	2412	325.0	326.0	1.0	.22	.06
			2413	331.9	333.0	1.1	.20	.08
334.5	371.5	Dark green amygdaloidal lava. Bedded mafic tuff(?) at 364.8-365.8'.						

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

Hole No. NC-15
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	Ag.oz/ton
371.5	397.2	Section of bleached-mineralized mafic flow and flow breccia with amygdules	2414	374.0	376.0	2.0	.16	.06
		developed locally. Laminated yellow sericitic tuff and mafic tuff at 376.0-377.7',	2415	385.0	387.5	2.5	Tr	.03
		384.0-385.4', 390.5-391.2'.						
397.2	412.0	Amygdaloidal chloritic mafic flow breccia with disseminated carbonate throughout.	2416	408.1	410.0	1.9	Tr	.03
412.0	416.0	Light yellow-green quartz porphyritic massive siliceous unit (tuff?). Sub-mm						
		quartz eyes (1-5%). Tr pyrite.						
416.0	464.0	Well bedded tuffaceous section. Light green, yellow-green, grey laminated to thin	2417	416.2	421.2	5.0	.01	.03
		bedded and pyritic (1-3%) to 442.4'.	2418	421.2	426.0	4.8	.05	.03
		442.4-446.3' Green and grey massive tuff. Tr pyrite.	2419	426.0	431.0	5.0	Tr	.03
		448.5-459.7' Hematitc tuff, similar to well bedded section above. Very sericitic	2420	431.0	435.7	4.7	.01	.03
		red oxidized (hematite) laminae throughout. Well mineralized.	2421	435.7	441.8	6.1	Tr	.03
		1-5% pyrite, disseminated - bedded.	2422	446.7	450.0	3.3	.01	.03
		459.7-464.0 Speckled light green tuff interbedded with pink hematitic tuff.	2423	450.0	454.8	4.8	.02	.04
			2424	454.8	459.6	4.8	Tr	.02
			2425	459.6	464.0	4.4	.005	.02
464.0	470.9	Quartz feldspar porphyry as from 242.3-247.3'. About 0.5-1% very fine grained						
		disseminated pyrite.	2426	464.0	470.9	6.9	Tr	Nil
		Tourmaline threads and bands associated with QCV and QCS.						
470.9	485.9	Light coloured siliceous bedded tuff similar to section from 416.0-442.4.	2427	470.9	474.8	3.9	.02	.03
			2428	475.3	480.3	5.0	.05	.02
			2429	480.3	485.3	5.0	.09	.03
485.9	490.5	Light green well foliated speckled tuff. Nil - Tr pyrite. Gradational contact into						
		mafic mafic volcanic below.						
490.5	533.0	Very well foliated, locally schistose mafic volcanic volbanic rock. Deformed QCS						
		from up to 10% of rock - which is overall quite nondescrpt. Nil -Tr pyrite.						
		C.A. < foliation = 70°.						
		End of Hole.						



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-15

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

LATITUDE 4+00N

DEPARTURE 1+50W

ELEVATION

BEARING 225°

DIP AT COLLAR 47°

CORE STORAGE On site 1+00W, 1+00S

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
85'	48.5°		
300'	46°		
670	43°		

TOTAL DEPTH OF HOLE 673'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-16

CORE SIZE BQ

STARTED August 13,1981

FINISHED August 19, 1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton	
0	79.0	Casing						
79.0	173.0	Dark green, fine grained amygdaloidal mafic flow rock. Pillowed? Quartz-carbonate amygdules to 5mm. QCS throughout. Nil sulphides, Tr. magnetite. Local weak foliation at 60° to C.A.						
173.0	213.0	Weakily foliated amygdaloidal mafic flow. Incipient sericitic alteration - bands <10mm parallel to foliation. QCS throughout parallel to foliation. Trace sulphides. C.A. < foliation = 60° .						
213.0	215.5	Pale yellowish-grey fine grained bedded tuff. Approx.1-2% disseminated pyrite. Laminations at 65° to C.A.	2430	213.0	215.5	2.5	.14	
			2431	343.0	348.0	5.0	.01	
215.5	271.0	Foliated mafic flow rock as 173-213'. Approx 5% pale yellowish-grey altered sericitic bands 0.5-5cm across. Less than 0.5% pyrite. Some 10-15% QCS.	2432	348.0	353.0	5.0	.005	
			2433	353.0	360.0	7.0	.28	.24/9.1'
271.0	341.5	Medium to dark green mafic flow with short foliated weakly altered sections to 1m. A few flattened chlorite amygdules and 1mm threads. Nil sulphides.	2530	360.0	362.1	2.1	.12	
341.5	362.0	Yellowish-grey bedded pyritic, sericitic tuff QCS throughout. Approx 0.5-1% fine grained disseminated pyrite. Best sulphide mineralization where QCV and QCS are concentrated, e.g. 353-354' there is 5% pyrite. Weak foliation at 75° to C.A. Gradational contacts due to alteration, over 1m with units above and below.						
362.0	405.5	Medium to dark green mafic flow with about 2% QCS. Up to 25% disseminated carbonate rhombs averaging 2mm.						
405.5	449.0	Light green, yellow-green locally speckled green bedded tuff. Quite siliceous contains 1-2% of 1-2mm quartz phenocrysts. Disseminated pyrite 1-2% and minor tiny stringers. Tr chalcopyrite and hematite. QCV up to 15cm carry minor black tourmaline and up to 5% pyrite. Best mineralized section of tuff starts about 428'. The more massive coarse tuff sections resemble the tuff seen in NC-11,12,18 and especially NC-19.	2434	405.5	409.0	3.5	Tr	
			2435	409.0	414.0	5.0	.02	
			2436	414.0	416.5	2.5	.07	
			2437	416.5	420.0	3.5	.01	
			2438	420.0	423.0	3.0	.01	
			2439	423.0	428.0	5.0	.005	
			2440	428.0	433.0	5.0	.025	
449.0	467.0	Mafic flow rock as 362-405'	2441	433.0	438.0	5.0	.02	
467.0	481.5	Yellow laminated pyritic tuff similar to 405-449'. Approx. 1-3% disseminated pyrite. From 471-479'4-5% 0.5-3mm pyrite cubes. Threads and spots of acicular tourmaline in QCV such as 471.5-472' (note assay)	2442	438.0	443.0	5.0	.04	
			2443	443.0	446.0	3.0	.02	
			2444	446.0	449.0	3.0	.03	
			2445	466.2	471.5	5.3	Tr	
			2446	471.5	472.0	0.5	.09	
			2447	472.0	477.0	5.0	Tr	

NUINSCO RESOURCES LIMITED

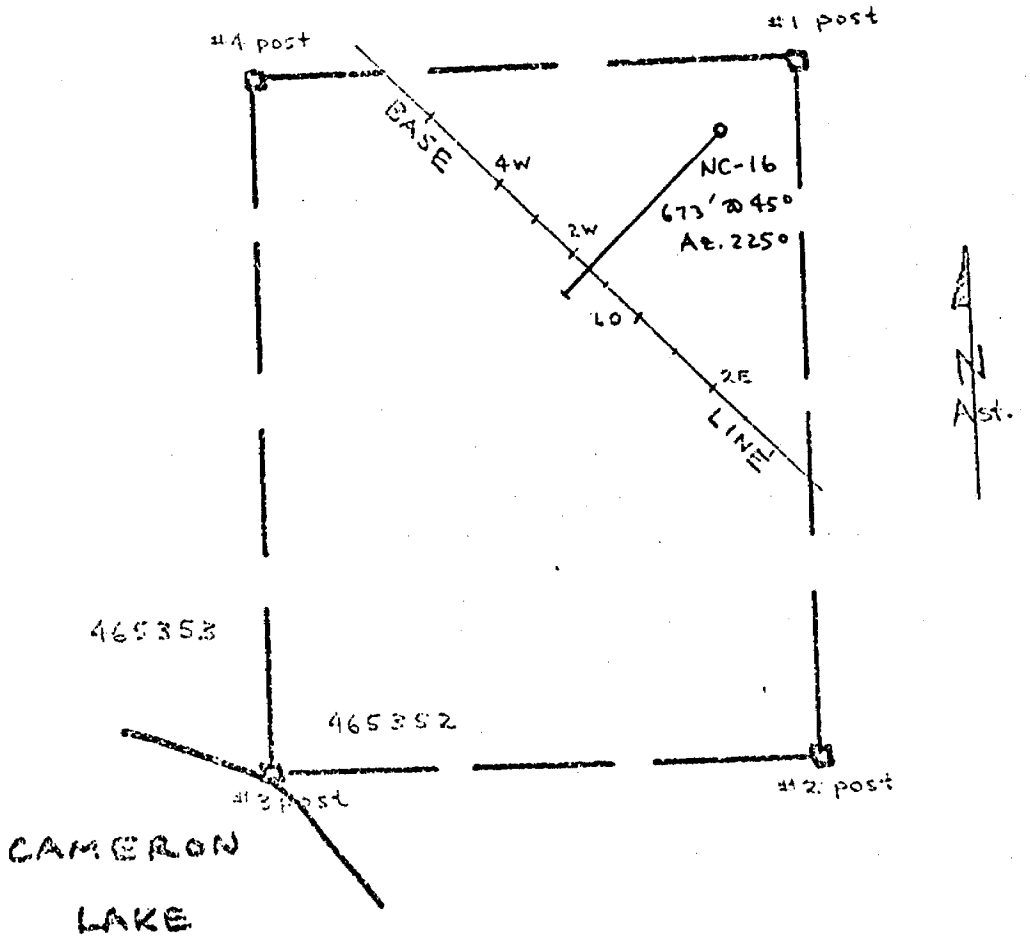
DIAMOND DRILL RECORD

NC-16

Hole No.

Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton				
467.0	481.5	Con'd.	2448	447.0	481.5	4.5	Tr				
481.5	488.0	Massive dark green chloritic mafic flow. Scattered grains of pyrite, overall 0.1%.	2449	488.0	490.5	2.5	Tr				
488.0	536.5	Altered mafic flow rock with short sections of sericitic tuff throughout.	2450	490.5	492.5	2.0	.005				
		Brecciated carbonatized and sericitized pale yellowish-grey zones with QCV and QCS	2451	492.5	493.3	0.8	Tr				
		alternate with dark green relatively unaltered zones. Pyrite averages 1-2% but loc-	2452	493.3	497.0	3.7	Tr				
		ally up to 3-4%. Tr chalcopyrite, hematite. Best pyrite mineralization at contact	2453	497.0	501.5	4.5	.005				
		with QCV. Tuff occurs at 492-493', 500-501.5', 503-505.7', 524.5-526.5'.	2454	501.5	506.0	4.5	Tr				
			2455	506.0	511.0	5.0	.005				
			2456	511.0	516.0	5.0	.02				
			2457	516.0	521.0	5.0	Tr				
			2458	521.0	525.6	4.6	Tr				
			2459	525.6	530.5	3.9	Tr				
			2460	530.5	533.0	2.5	.005				
536.5	558.0	Dark green fine grained mafic flow, weakly altered. Up to 15% 1mm carbonate grains									
		Approx 3% QCS. From 543.5-546.0' well bedded mafic tuff with some sericitic									
		calcareous beds.									
558.0	568.0	Mafic tuff and flow rock bleached due to carbonate-sericite content. Approx. 1-2%	2461	558.0	563.0	5.0	.005				
		pyrite. Tr arsenopyrite(?) at 564'.	2462	563.0	568.0	5.0	.04				
568.0	625.0	Well bedded pale-yellowish to mauve-grey tuff as in previous holes. This is the	2463	568.0	573.0	5.0	Tr				
		'main tuff' intersected in holes NC-3 to Nc-16 incl. Approx 2-3% disseminated pyrite	2464	573.0	578.0	5.0	Tr				
		up to 5% over short sections. Best pyrite and development of QCV and QCS between	2465	578.0	580.5	2.5	Tr				
		600-614'. Hematite occurs as fine threads on foliation planes and as very fine	2466	580.5	585.5	5.0	Tr				
		grained disseminateions. Tr. of chalcopyrite and a few grains of arsenophyrite(?)	2467	585.5	589.5	4.0	Tr				
		e.g. 574'. Pyrite relatively coarse in places 1-5mm. Quartz-feldspar porphyry 591-592	2468	589.5	593.5	4.0	.01				
		Beddingand banding at 80° to C.A.	2469	593.5	598.0	4.5	.06				
			2470	598.0	603.0	5.0	.24				
			2471	603.0	608.0	5.0	.12	.14/31.5			
			2472	608.0	613.0	5.0	.20				
			2473	613.0	618.5	5.5	.03				
			2474	618.5	623.0	4.5	.14				
			2475	623.0	625.0	2.0	.21				
625.0	649.0	Sheared QCS-Zone in mafic tuff or flow. Approx 10% QCS. Foliated at 75° to C.A.	2476	625.0	630.0	5.0	Tr				
		A few narrow bleached sections, less than 0.2% pyrite overall. Very hematitic	2477	630.0	635.0	5.0	Tr				
		at 643-644'.									
649.0	673.0	Weakly altered mafic flow. Narrow bleached bands of 10 cm. Approx 10% QCS. Weak									
		foliation at 75° to C.A.									
		699' 15 cm altered band carrying 3% pyrite.									
		End of Hole									



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-16

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE 2+05N

DEPARTURE 2+50W

ELEVATION

BEARING 225°

DIP AT COLLAR 60°

CORE STORAGE on site, 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
25	60		
270	56		
543	56		

TOTAL DEPTH OF HOLE 543'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-17

CORE SIZE BQ

STARTED August 19,1981

FINISHED August 22,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

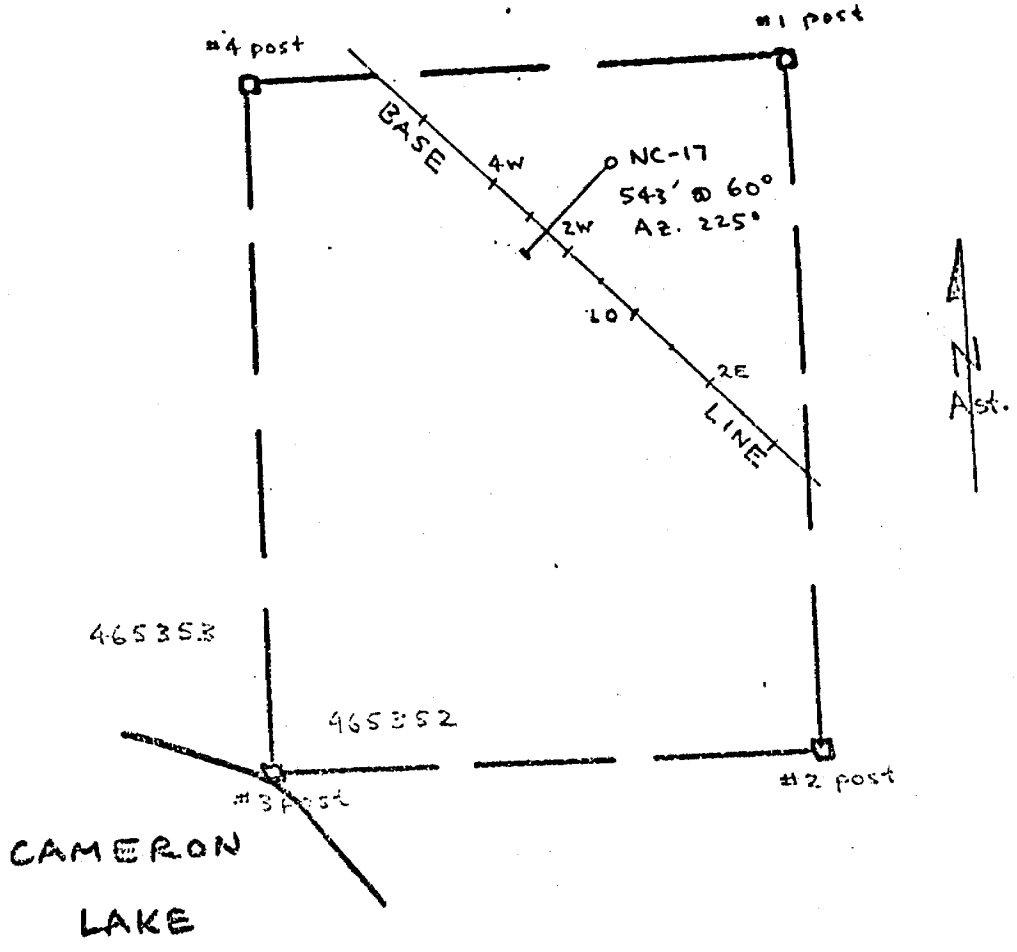
Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton
0	19.5	Casing.					
19.5	128.0	Well foliated medium-dark green amygdaloidal pillow lava. Quartz-carbonate amydules up to 1cm make up 1-5% of rock - some well vesiculated sections. Only very local bleaching - sericitization associated with QCS. QCS throughout, parallel to foliation and also across structure. From 47-60' medium grained gabbroic textured zone-probably coarse grained flow or flow-unit centre as noted in NC-15 (32-200.8'). C.A. foliation = 57 . Tr-0.5% pyrite locally. Arsenopyrite is 3cm QCV at 42'. Tourmaline threads and radiating clusters of acicular crystals noted in some QCV.	2478	78.8	81.0	2.2	.005
128.0	152.6	Massive fine grained section-probably flow rock. Bleached and mineralized 141.3-142.4'.					
152.6	156.4	Light grey masive siliceous tuff with up to 5% sub-mm quartz eyes throughout.					
156.4	170.6	Amygdaloidal mafic volcanic rock as previously described from 19.5-128'. Up to 10-15% QCS with bleached selvedges. Tr-0.5% pyrite locally. C.A. foliation = 60 .					
170.6	203.0	Massive unaltered dark green mafic volcanic rock. From 2-20% disseminated sub-mm carboante rhombs. Tr pyrite and chalcopyrite.					
203.0	225.0	Well foliated maifc volcanic rock with QCS throughout. Seared with up to 20% QCS from 213-225. Up to 5% disseminated carbonate rhombs. Tr - 0.5% pyrite over short intervals. C.A. foliation = 65 .	2479	222.5	224.5	2.0	.06
225.0	249.0	Massive dark green mafic volcanic rock with 10-20% disseminated sub-mm carbonate rhombs 238.0-240.0'. Bleached zone with QCV network carrying 3-5% disseminated pyrite.	2480	238.0	240.0	2.0	.04
			2481	241.4	244.0	2.6	.01
		241.4-244.0 Bleached-sericitized zone with QCV, 1-3% disseminated pyrite and 3% very fine grained disseminated magnetite.					
249.0	307.7	Fine grained massive dark green mafic volcanic gabbroic from 262.0-285.8', with wispy chlorite amygdules. Unaltered, 0.5-2% pyrite.	2482	289.3	292.0	2.7	.01
			2483	296.4	298.0	1.6	.02
307.7	321.0	Bleached-sericitized zone in mafic volcanic. Overall 1-2% pyrite but up to 3% locally in association with QCV, Also, notable 1-2% disseminated magnetite.	2484	307.7	311.4	3.7	.05
			2485	311.4	312.5	1.1	.545
			2486	312.5	316.3	3.8	.01
			2487	316.3	319.5	3.2	.03
321.0	345.1	Massive dark green mafic volcanic rock with disseminated carbonate rhombs and 1% pyrite. Tr - 1% disseminated magentite.					
345.1	364.8	Bleached-altered zone as from 307.7-321.0' carrying from 1-2% disseminated pyrite - up to 5% in silceous (QCV) sections and 1-4% disseminated very fine grained	2488	345.1	350.6	5.5	.26

NUINSCO RESOURCES LIMITED

DIAMOND DRILL RECORD

NC-17
Hole No.
Sheet No. 2

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length					
345.1	364.8	Cont'd.									
		magnetite.	2489	351.8	353.8	2.0	.07				
			2490	353.8	356.1	2.3	.005				
			2491	356.1	360.9	4.8	.04				
			2492	360.9	364.8	3.9	.02				
364.8	368.0	Massive green mafic volcanic rock. Trace pyrite.									
368.0	376.0	Bleached zone like 345.1-364.8'. Well mineralized QCV with 2-5% pyrite and 5% magnetite from 372.8-376.0'.	2493	372.8	376.0	3.2	.02				
376.0	391.0	Bleached mineralized mafic volcanic alternates with green relatively unaltered zones. Sericitized selvedges on QCV's.	2494	385.4	1.2	.04					
391.0	400.1	Massive green (unaltered) mafic volcanic rock with 10-15% disseminated sub-mm carbonate rhombs.									
400.1	404.1	Sericitzed zone with QCV, 1-2% pyrite and up to 10% very fine grained magnetite disseminated throughout.	2495	400.1	404.1	4.0	Tr				
404.1	439.3	Massive fine grained dark green mafic volcanic probably flow. Amygdules developed	2496	410.2	411.6	1.4	.10				
		locally. Bleached - mineralized zones, 1-3% pyrite and 5% very fine grained	2497	418.5	420.5	2.0	.04				
		magnetite at 410.2-411.6 and 418.5-420.5'.	2498	434.9	438.8	3.9	Tr				
		Well foliated and altered at 434.9-438.8'.	2499	439.3	441.4	2.1	Tr				
439.3	441.4	Pink-flesh coloured quartz porphyry. Pervasive QC veining with 0.5-1% pyrite. Quartz eyes 1-5mm.									
441.4	483.0	Dark green well foliated mafic volcanic locally amygdaloidal - probably massive	2500	478.4	480.8	2.4	0.1				
		flow. Perhaps some chloritic tuff locally. Trace - 0.5% pyrite with local shears carrying 1-2% pyrite. QCS stringers throughout essentially unaltered except for well developed sericite at 478.4 - 480.8'.									
483.0	505.5	Very well foliated chloritic QCS-zone, 10-20% deformed and broken QCS which largely parallel to the foliation within this shear zone. Relatively unaltered with only Tr pyrite. Local hematitic straining. C.A. <foliation = 65°.									
505.5	519.0	Massive mafic volcanic rock with up to 20% carbonate rhombs.									
519.0	528.8	Well foliated mafic volcanic rock exhibiting amygdules locally and QCS throughout.									
528.8	543.0	Fine to medium grained gabbro and/or massive flow. Unaltered with QCS throughout. nil pyrite.									
		End of Hole									



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-17

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE BL0+00

DEPARTURE 1+75W

ELEVATION

BEARING 225°

DIP AT COLLAR -45°

CORE STORAGE On site 1+00W, 1+00S

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10'	46°		

TOTAL DEPTH OF HOLE 103'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-18

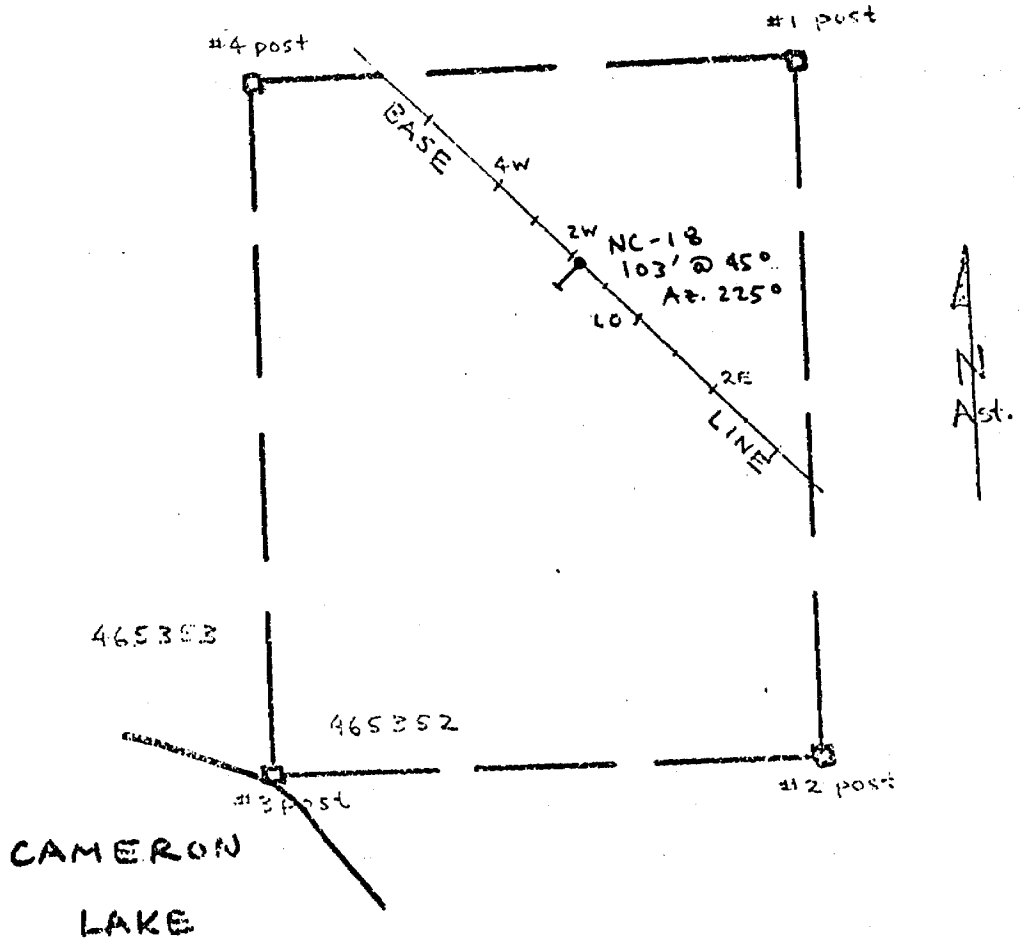
CORE SIZE BQ

STARTED August 23,1981

FINISHED August 24,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au.oz/ton				
0	7	Casing									
7.0	12.0	Well foliated mafic volcanic rock with 15-20% QCS. Nil pyrite.									
12.0	39.2	Massive and well foliated sections of mafic volcanic rock (tuff?) alternate.	2502	33.7	35.1	1.4	.02				
		Up to 10% QCS over short 2' intervals.									
39.2	46.8	Massive green light green speckled and light yellow tuff interbedded over this									
		section. Locally 1% sulphide over several inches, just Tr overall.									
46.8	77.8	Light yellow, pale greenish-yellow siliceous tuff, ash-tuff with sub mm quartz eyes	2503	46.8	50.7	3.9	.07				
		throughout and 1-2% disseminated pyrite. Well developed QCV over short sections.	2504	50.7	55.4	4.7	.23				
		Note: very fine grained V.G. was noted in one half of the core in the section	2505	55.4	57.7	2.3	.05	.13/17.3'		.10/31.0'	
		62.7-65.8' where several specks occur in a QCS. However the assayed half ran only	2506	57.7	62.7	5.0	.16				
		.01 oz/ton Au. If the entire core had been assayed, a miniumu of .20 oz/ton would	2507	62.7	65.8	3.1	.01				
		be expected. C.A. < foliation = 65°.	2508	65.8	70.4	4.6	.11				
77.8	103.0	Massive medium green mafic volcanic, bleached and altered locally with QCS Tr-	2509	70.4	74.0	3.6	.03				
		0.5% pyrite, 1-2% locally over 1'.	2510	74.0	77.8	3.8	.05				
		Very massive dark green from ~86'. Amygdaloidal locally. Medium grained gabbroic									
		texture from 90-103'.									
		End of Hole.									



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465352

D.D.H.NO. NC-18

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter

NUINSCO RESOURCES LIMITED

DIAMOND DRILL CORE LOG

LATITUDE BL 0+00

DEPARTURE 2+25W

ELEVATION 225

BEARING -45

DIP AT COLLAR On site 1+00W, 1+00S

CORE STORAGE

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
10'	45		

TOTAL DEPTH OF HOLE 103'

PROPERTY Cameron Lake

CLAIM No. K465352

HOLE No. NC-19

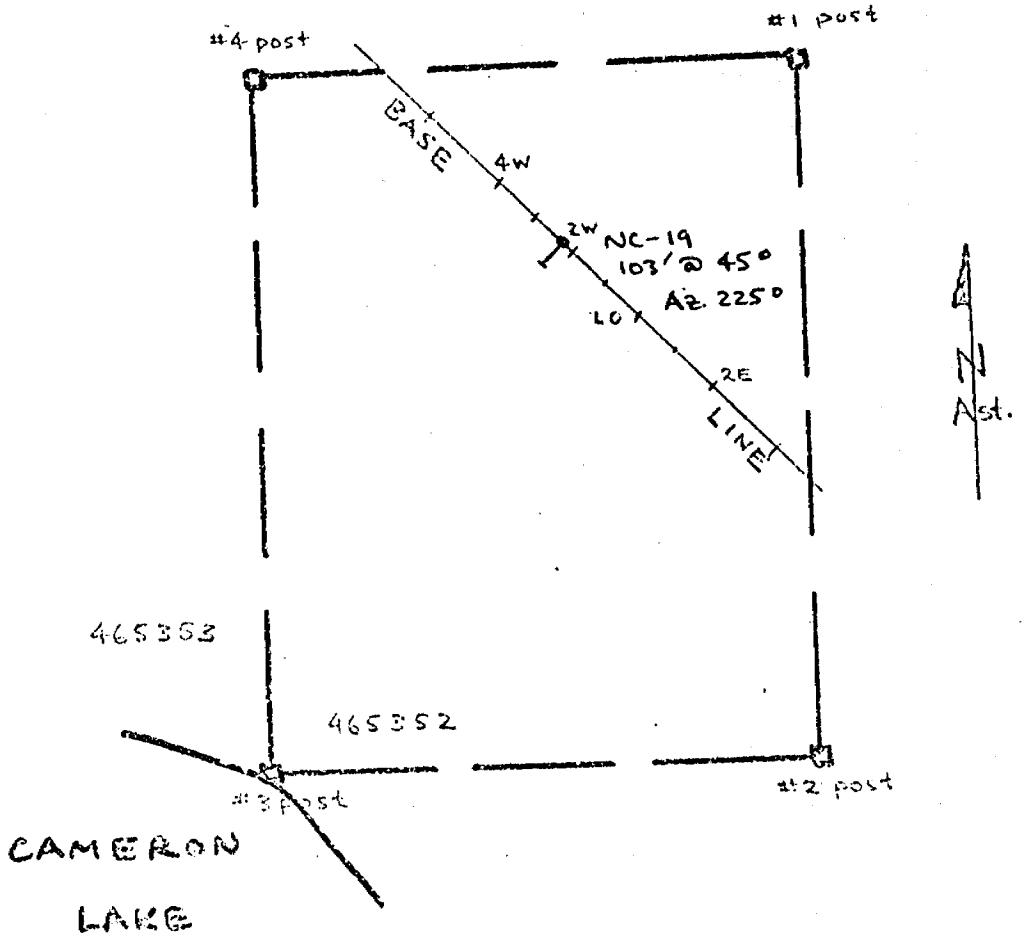
CORE SIZE BQ

STARTED August 24,1981

FINISHED August 24,1981

SIGNED: Doug Hunter A.D.Hunter, Geologist

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length	Au./oz ton
0	5	Casing					
5.0	21.5	Very well foliated - broken ('poker-chip') mafic volcanic rock with 10-15% QCS.					
		Appears to be a shear zone also noted in several other holes.					
21.5	41.0	Massive mafic volcanic rock. Medium green colour with disseminated carbonate					
		grains - could be tuffaceous. 1-2% QCS.					
41.0	87.8	Yellow-grey pyritic tuff, well foliated, locally well bedded - laminated.	2511	41.7	44.6	2.9	.04
		Siliceous, quartz eyes noted from place to place. From 1-5% disseminated	2512	44.6	49.6	5.0	.02
		pyrite and some QCV and QCs - rich sections well mineralized with pyrite -	2513	49.6	54.2	4.6	.25
		best section 50.5 -80.8'.	2514	54.2	59.1	4.9	.24
			2515	59.1	64.3	5.2	.28
			2516	64.3	68.6	4.3	.45
			2517	68.6	72.2	3.6	.16
			2518	72.2	74.4	2.2	.03
			2519	74.4	78.1	3.7	.51
			2520	78.1	81.2	3.1	.67
			2521	81.2	87.8	6.6	.01
87.8	103.0	~~Light medium green fine grained, locally amygdaloidal~~ mafic volcanic. Tuffaceous	2522	93.5	97.3	3.8	Tr
		(?) from 87.8-92.5'. Altered with QCV and QCS from 92.5-103.0'.					
		Tr - 0.5% pyrite.					
		End of Hole.					



NUINSCO RESOURCES LIMITED
TORONTO, ONTARIO

PROPERTY NAME:
CAMERON LAKE

LOCATION SKETCH
CLAIMS NO. 465 352

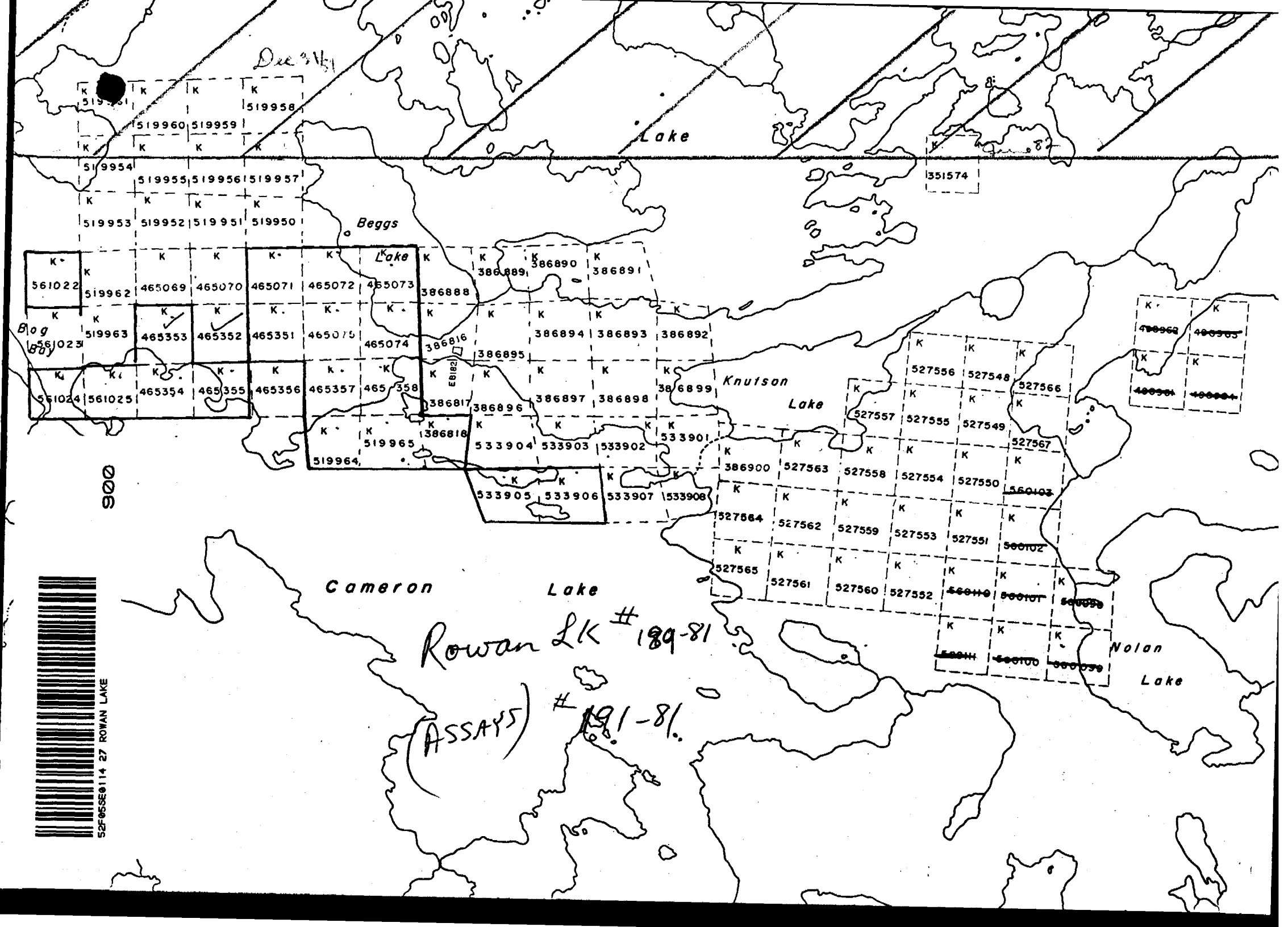
D.D.H.NO. NC-19

SCALE: 1"=400'

DATE: Nov. 23/81

DRAWN BY: A.D. HUNTER, GEOLOGIST

SIGNED: Doug Hunter


Lake
Beggs
Lake
Bog
Bay
Knutson
Lake
Cameron
Lake
Nolan
Lake
900
519958
519960
519959
519954
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519957
519953
519952
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Rowan Lk #189-81
(ASSAYS) #191-81.
52F05SE0114 27 ROWAN LAKE

NUINSCO RESOURCES LIMITED

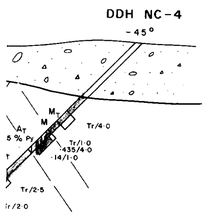
PROPERTY: CAMERON LAKE

VERTICAL CROSS SECTION ON 1+00 E
(LOOKING N 45° W)

DIAMOND DRILL HOLE 6

DATE: October 1981	SCALE: 1 inch = 20 feet
COMPILED BY: *A. D. Hunter*	DRAWING No.: 1 of 9
	SHEET No.: 1

OMEP81-3-C-85

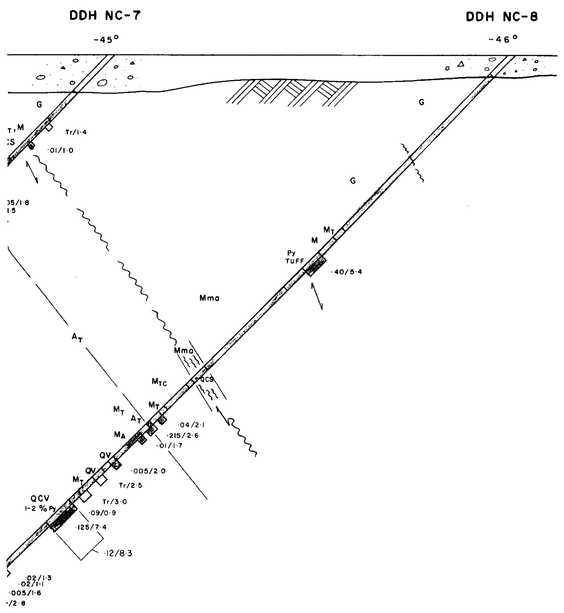


1+00 N

63 409

NUINSCO RESOURCES LIMITED	
PROPERTY: CAMERON LAKE	
VERTICAL CROSS SECTION ON 0+50 E (LOOKING N 45° W) DIAMOND DRILL HOLE 5,3,4	
DATE: October 1981	SCALE: 1 inch = 20 feet
COMPILED BY: A. D. Hunter	DRAWING No. 2 of 9
	SHEET No. 1

OMEP81-3-C-85



1+00 N

2+00 N

NUINSCO RESOURCES LIMITED	
PROPERTY CAMERON LAKE	
VERTICAL CROSS SECTION ON 0+00 (LOOKING N 45° W) DIAMOND DRILL HOLE 9,7,8	
DATE October 1981	SCALE 1 inch = 20 feet
COMPILED BY A. D. Hunter	DRAWING No. 3 of 9
	SHEET No. 1

OMEP81-3-C-85

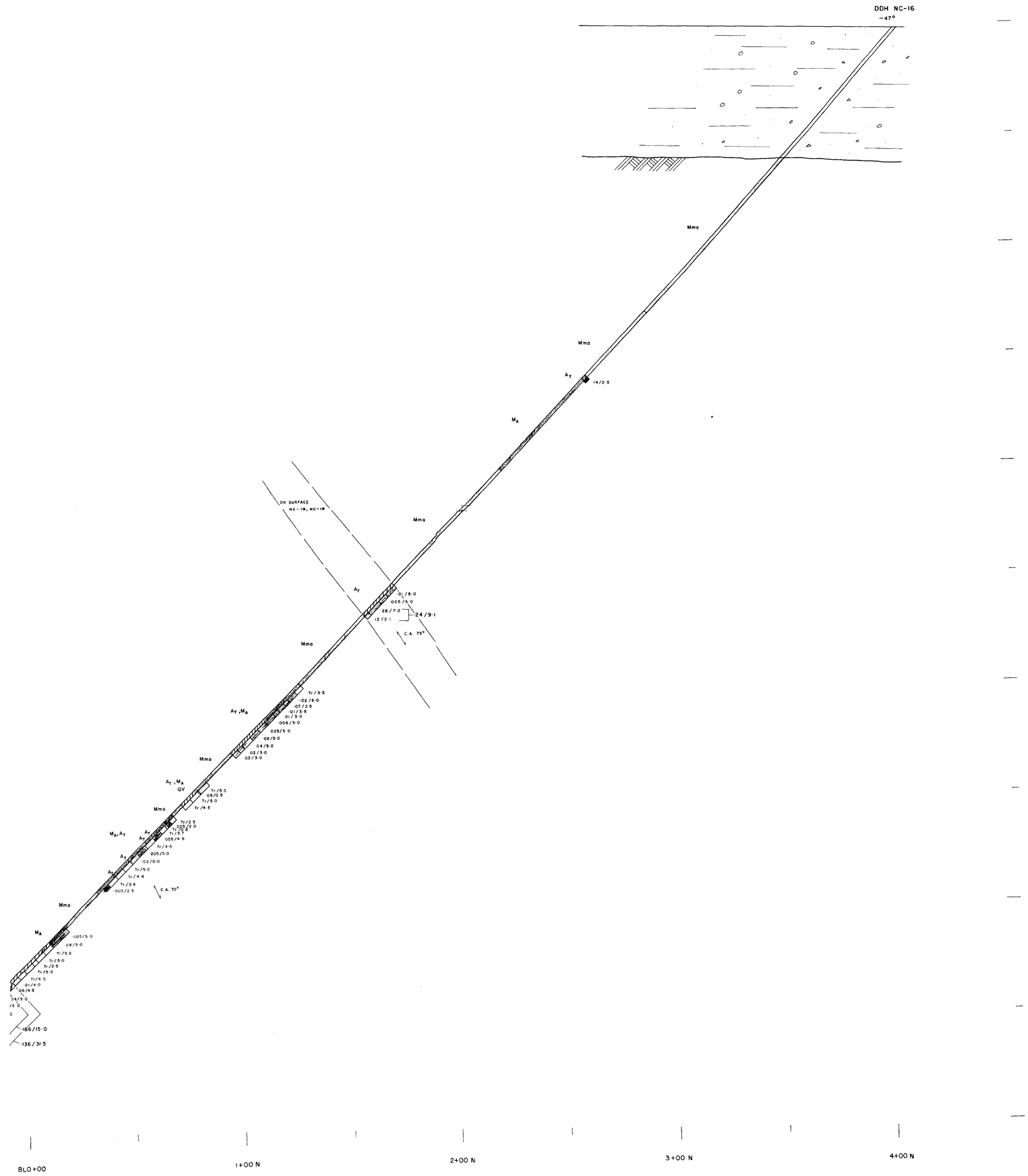
NUINSCO RESOURCES LIMITED	
PROPERTY CAMERON LAKE	
VERTICAL CROSS SECTION ON 0+50 W (LOOKING N 45° W) DIAMOND DRILL HOLE 10,13,14,15	
DATE October 1981	SCALE 1 inch = 20 feet
COMPILED BY A.D. Hunter	DRAWING No. 4 of 9
	SHEET No. 1

OMEP81-3-C-85

1+00 N

NUINSCO RESOURCES LIMITED	
PROPERTY: CAMERON LAKE	
VERTICAL CROSS SECTION ON 1+00 W (LOOKING N 45° W) DIAMOND DRILL HOLE 11,12	
DATE October 1981	SCALE 1 inch = 20 feet
COMPILED BY A. D. Hunter	DRAWING No. 5 of 9
	SHEET No. 1

OMEP81-3-C-85



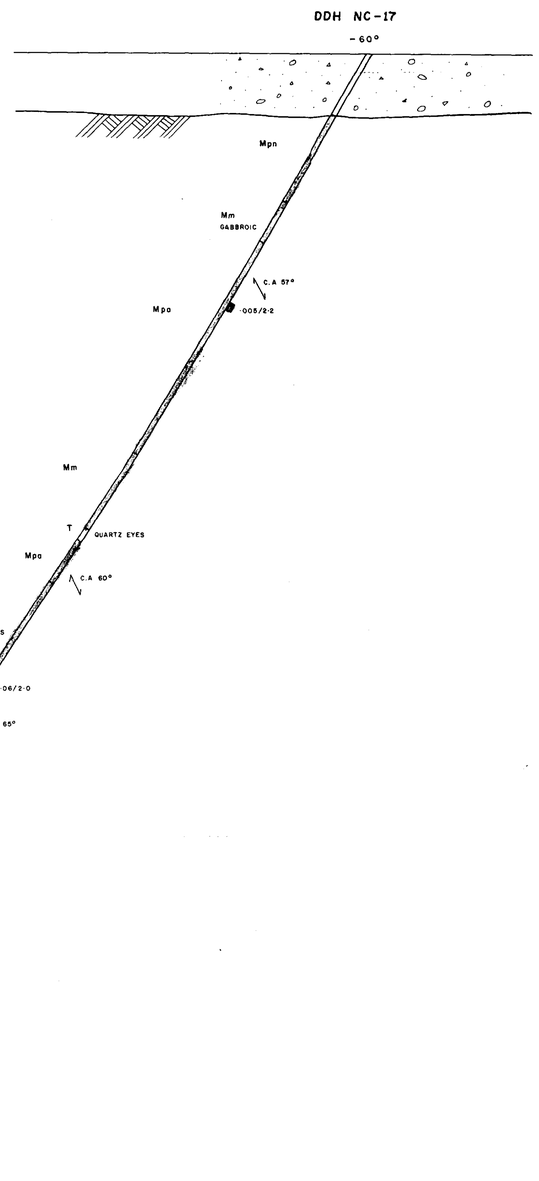
NUINSCO RESOURCES LIMITED	
PROPERTY	CAMERON LAKE
VERTICAL CROSS SECTION ON 1+50 W (LOOKING N 45° W) DIAMOND DRILL HOLE 16	
DATE October 1981	SCALE 1 inch = 20 feet
COMPILED BY A. D. Hunter	DRAWING No. 6 of 9
	SHEET No. 1

OMER81-3-C-85

1+00 N

NUINSCO RESOURCES LIMITED	
PROPERTY: CAMERON LAKE	
VERTICAL CROSS SECTION ON 1+75 W (LOOKING N 45° W) DIAMOND DRILL HOLE 18	
DATE: October 1981	SCALE: 1 inch = 20 feet
COMPILED BY: A. D. Hunter	DRAWING No. 7 of 9
	SHEET No. 1

OMEP81-3-C-85



1+00 N

2+00 N

3+00 N

NUINSCO RESOURCES LIMITED	
PROPERTY: CAMERON LAKE	
VERTICAL CROSS SECTION ON 2+50 W (LOOKING N 45° W) DIAMOND DRILL HOLE 17	
DATE: October 1981	SCALE: 1 inch = 20 feet
COMPILED BY: A. D. Hunter	DRAWING No. 8 of 9
	SHEET No. 1

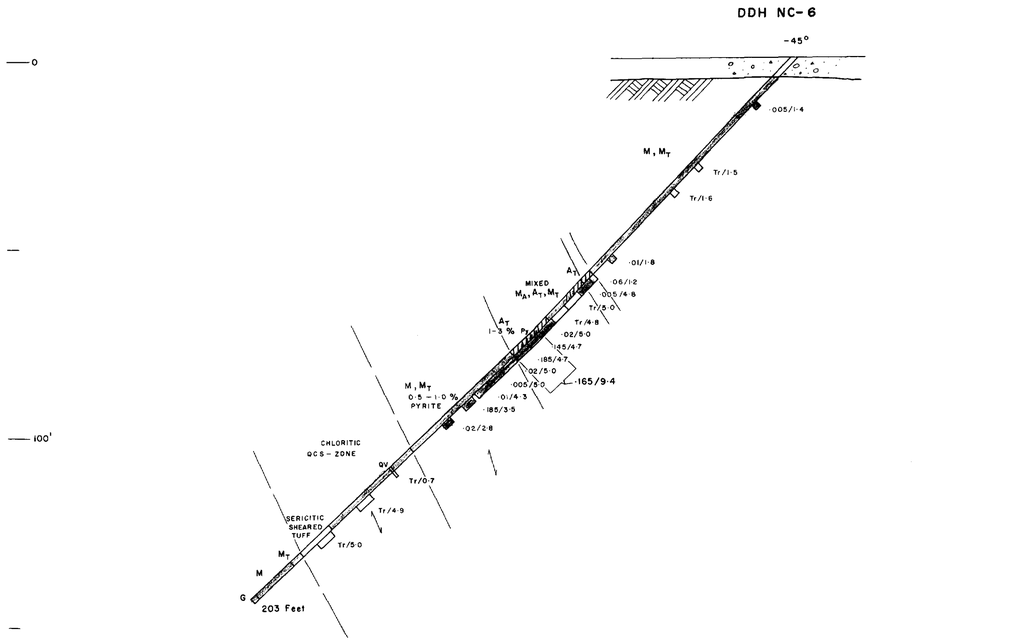
OMEP81-3-C-85

1+00 N

NUINSCO RESOURCES LIMITED

PROPERTY	CAMERON LAKE
VERTICAL CROSS SECTION ON 2+25 W (LOOKING N 45° W) DIAMOND DRILL HOLE 19	
DATE October 1981	SCALE 1 inch = 20 feet
COMPILED BY A. D. Hunter	DRAWING No. 9 of 9
	SHEET No. 1

OMEP81-3-C-85



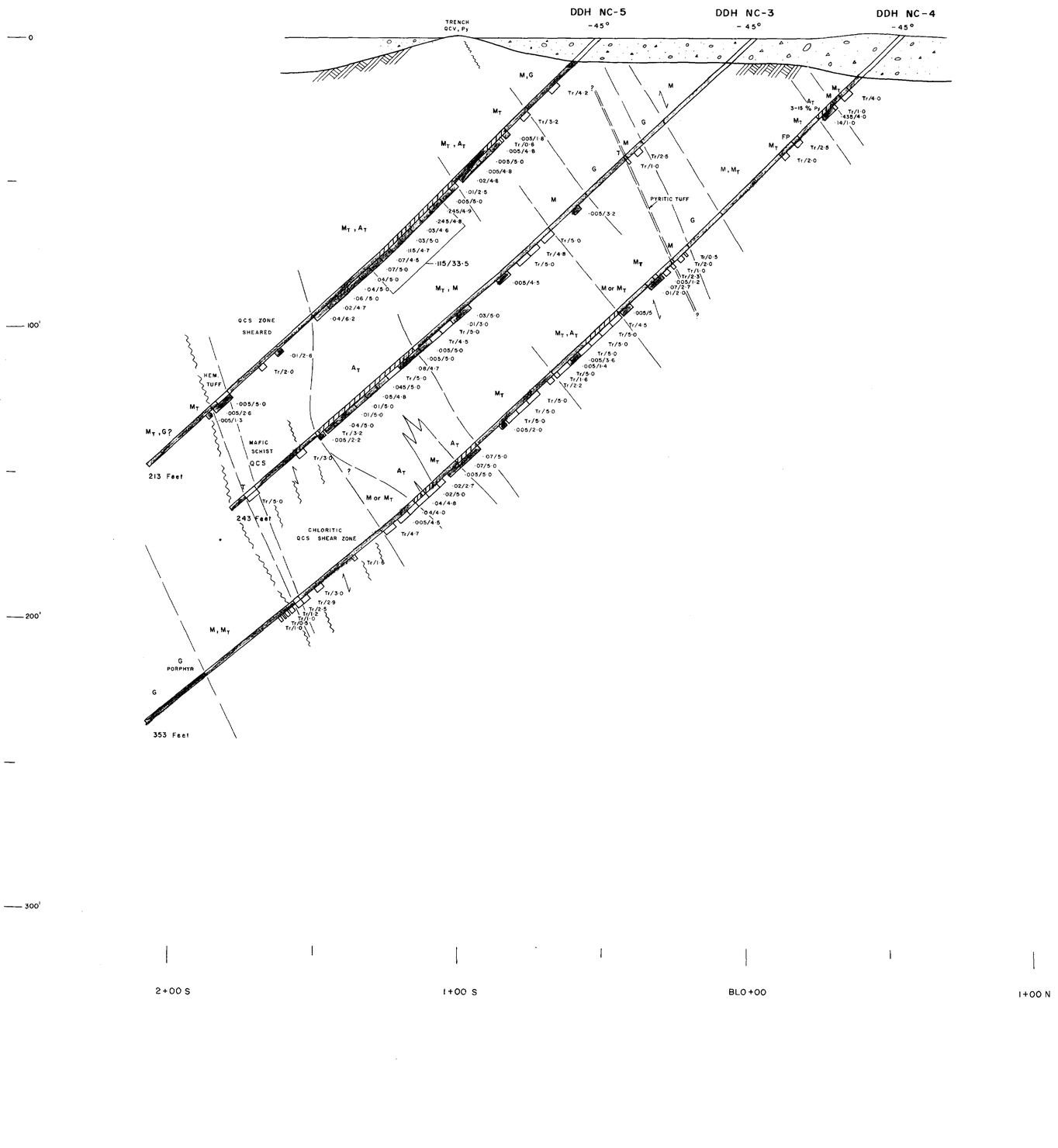
LEGEND

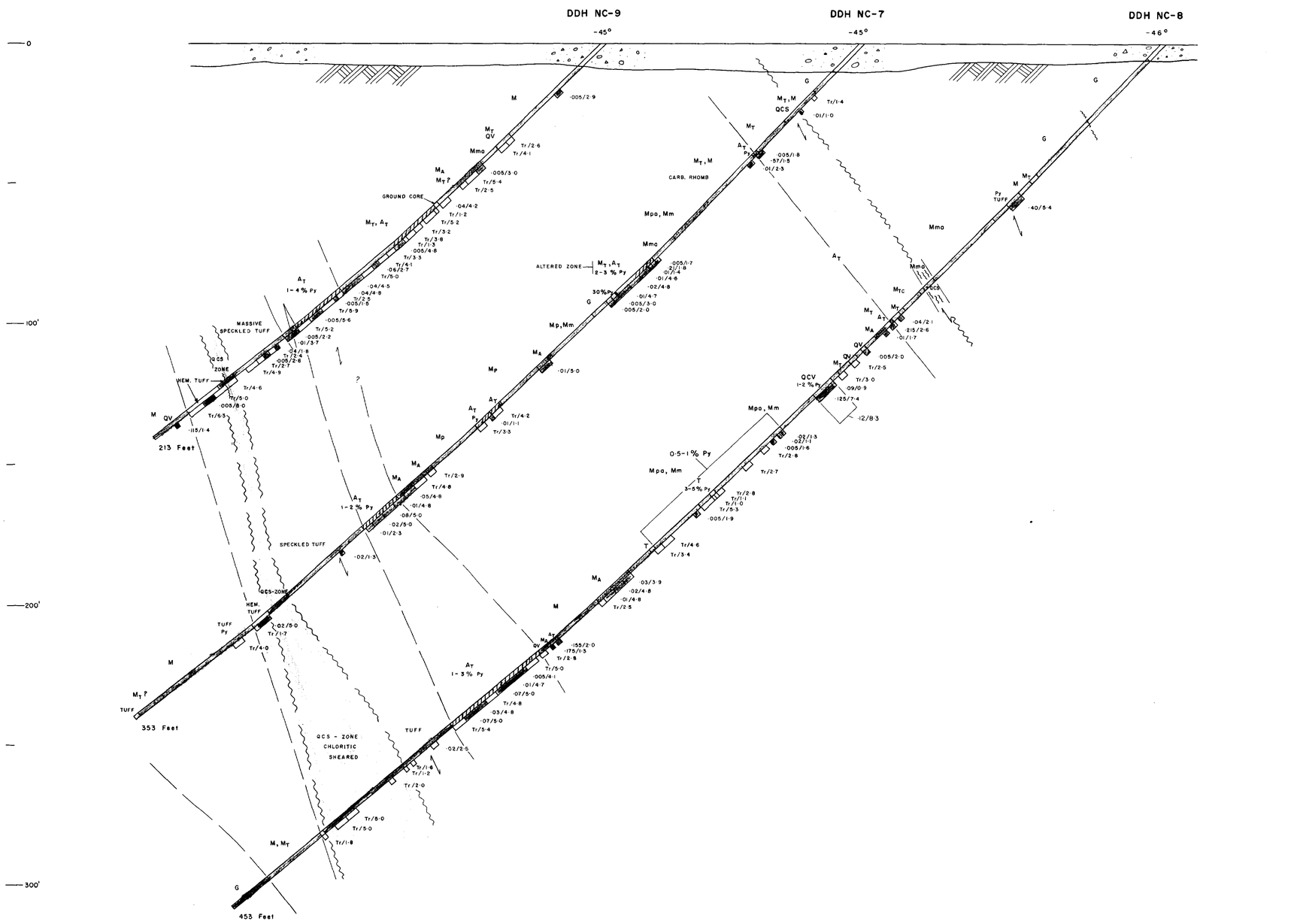
M	MAFIC VOLCANIC ROCK - PROBABLY LAVA	;	Mo	AMYGDALOIDAL
Mp	PILLOW LAVA		Mpo	AMYGDALOIDAL PILLOW LAVA
Mm	MASSIVE LAVA		Mmo	AMYGDALOIDAL MASSIVE LAVA
M_T	MAFIC TUFF			
M_A	ALTERED MAFIC VOLCANIC ROCK			
	BLEACHED, CARBONITIZED, SERICITIZED WITH DISSEMINATED PYRITE QCS AND QCV			
QCS	QUARTZ - CARBONATE 'STRINGERS' (1 - 10 mm)			
QCV	QUARTZ - CARBONATE 'VEINS' (> 10 mm)			
G	GABBRO			
A_T	'ALTERED' TUFF, SERICITE - CARBONATE - RICH PYRITIC TUFF; USUALLY WELL BEDDED FROM 1 - 5 % DISSEMINATED PYRITE			
Tr	NIL CHALCOPYRITE			
T	LAMINATED SILICEOUS TUFF MAY INCLUDE CHLORITIC AND SERICITIC BEDS			
T_M	MASSIVE TUFF SILICEOUS GREY-GREEN COLOUR MAY EXHIBIT QUARTZ EYES			
Hem.	HEMATITIC			
QFP	QUARTZ - FELDSPAR PORPHYRY			
Py	PYRITE			
Mag	MAGNETITE (CONSPICUOUS, 0.5-3 % FINE GRAINED DISSEMINATED)			

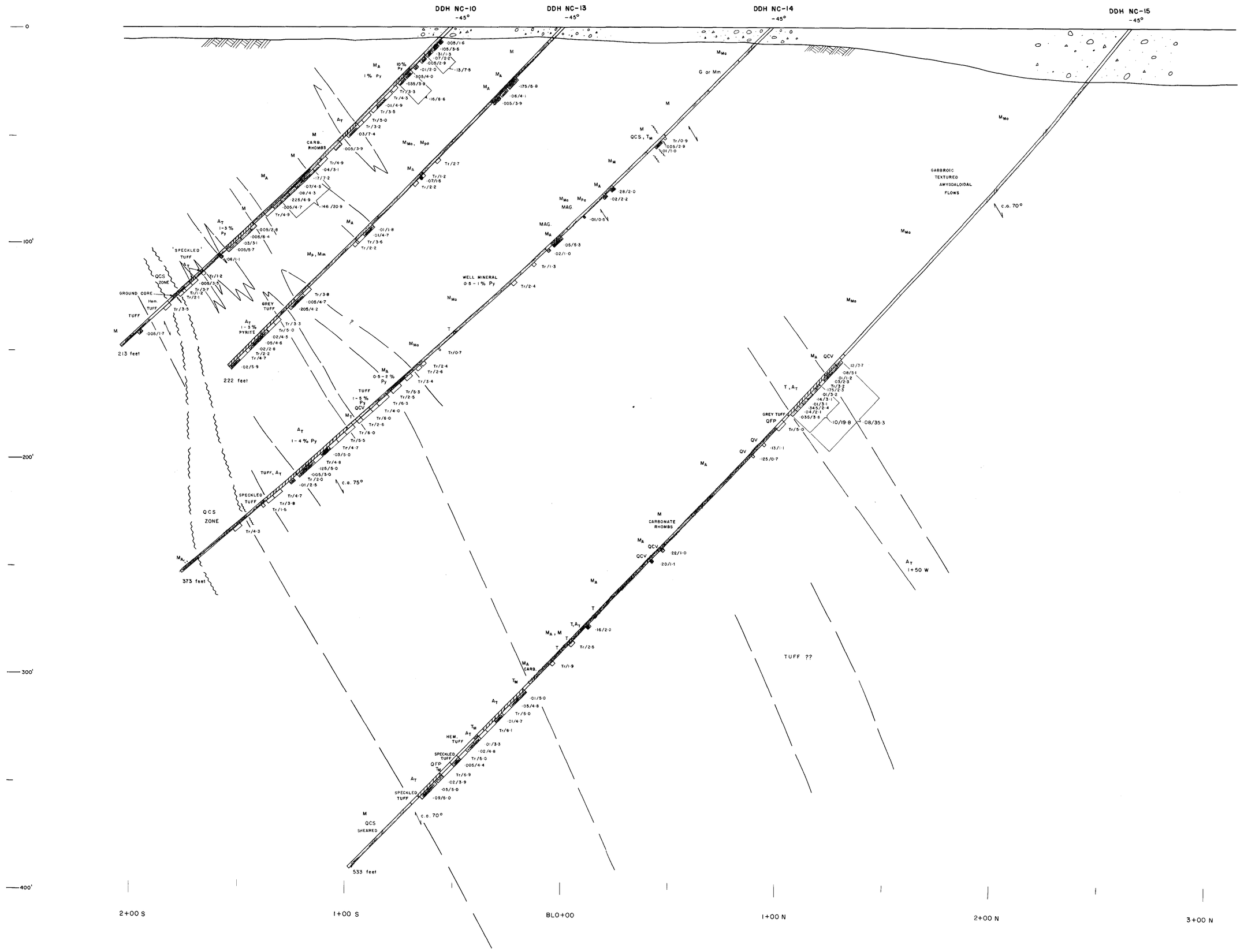
GEOLOGIC CONTACT INTERPRETED

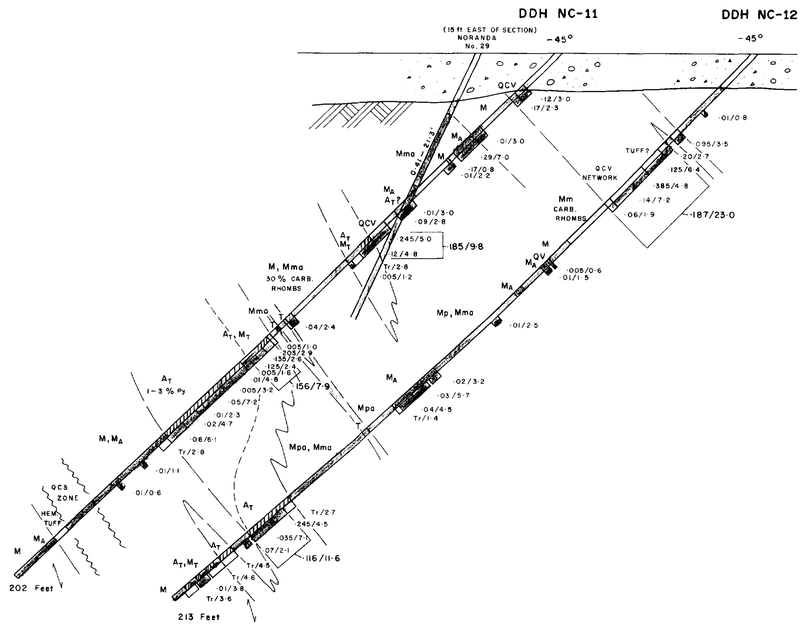
SHEARED ZONE

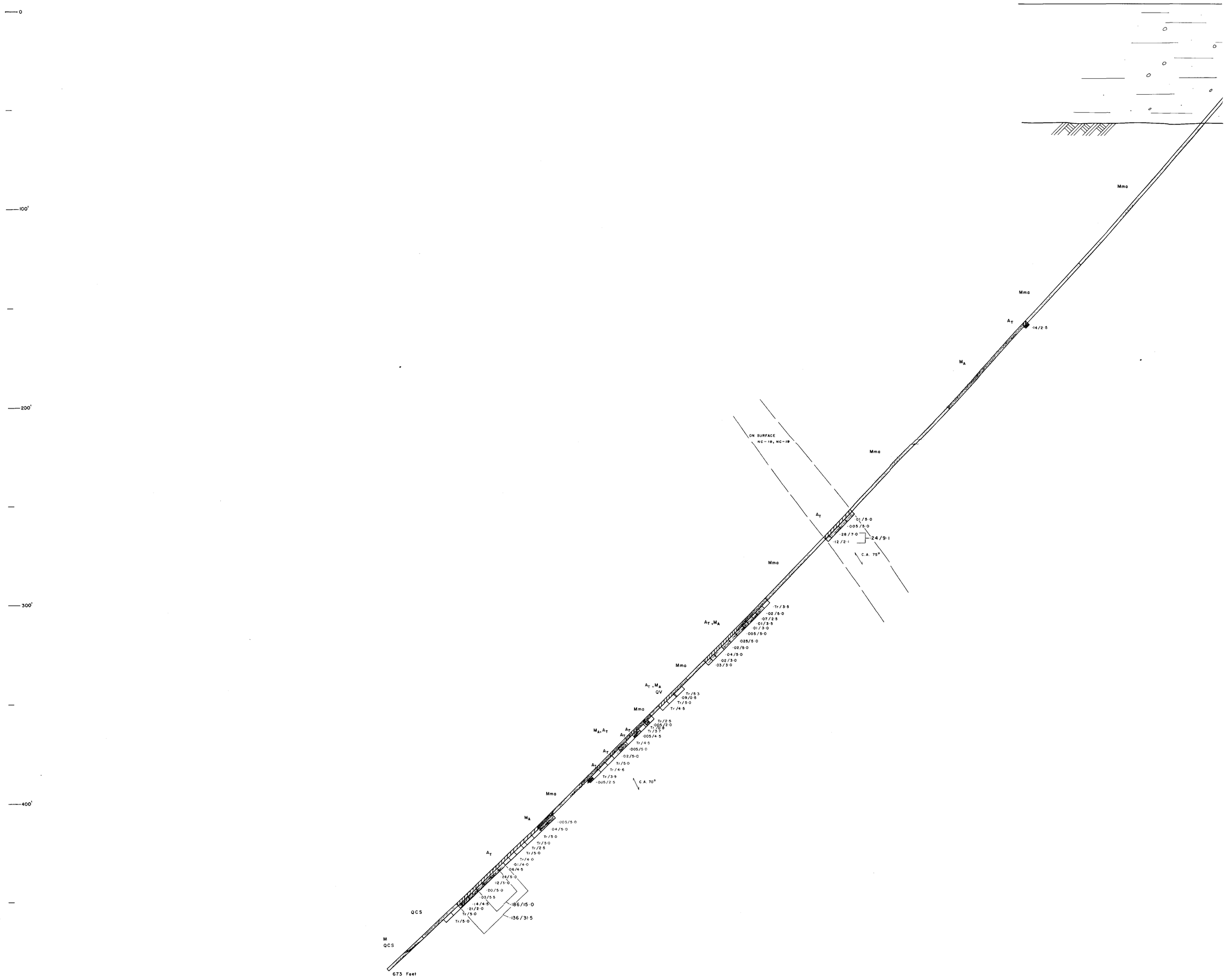
C.A 70 FOLIATION; ANGLE IN RELATION TO CORE AXIS

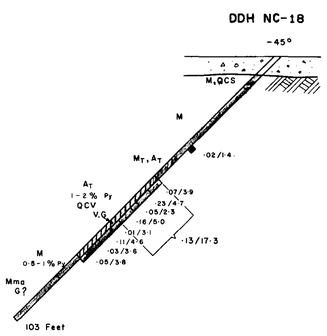

DDH NC-5
-45°
DDH NC-3
-45°
DDH NC-4
-45°
TRENCH
QCV, Py
0
100'
200'
300'
QCS ZONE
SHEARED
HEM
TUFF
MAFIC
SCHIST
QCS
213 Feet
243 Feet
CHLORITIC
QCS SHEAR ZONE
PYRITIC TUFF
G
PORPHYR
353 Feet
3-15 % Py
2+00 S
1+00 S
BL0+00
1+00 N








100'
200'
300'
400'
500'
Mma
Mma
A_T
14/2·5
M_A
Mma
ON SURFACE
NC-18, NC-19
Mma
A_T
01/5·0
005/5·0
28/7·0
12/2·1
24/9·1
C.A. 75°
Mma
A_T, M_A
Tr/3·5
02/5·0
07/2·5
01/3·5
01/3·0
005/5·0
025/5·0
02/5·0
04/5·0
02/3·0
03/3·0
Mma
A_T, M_A
QV
Tr/5·3
09/0·5
Tr/5·0
Tr/4·5
Mma
M_A, A_T
A_T
A_T
A_T
A_T
A_T
Tr/2·5
005/2·0
Tr/0·6
Tr/3·7
005/4·5
Tr/4·5
005/5·0
02/5·0
Tr/5·0
Tr/4·6
Tr/3·9
005/2·5
C.A. 70°
Mma
M_A
005/5·0
04/5·0
Tr/5·0
Tr/5·0
Tr/2·5
Tr/5·0
Tr/4·0
01/4·0
06/4·5
24/5·0
12/3·0
20/5·0
03/5·5
14/4·5
21/2·0
Tr/5·0
Tr/5·0
186/15·0
136/31·5
QCS
M
QCS
673 Feet
2+00 S
1+00 S
BLO+00
1+00 N
2+00 N
3+00 N



0

—

100'

—

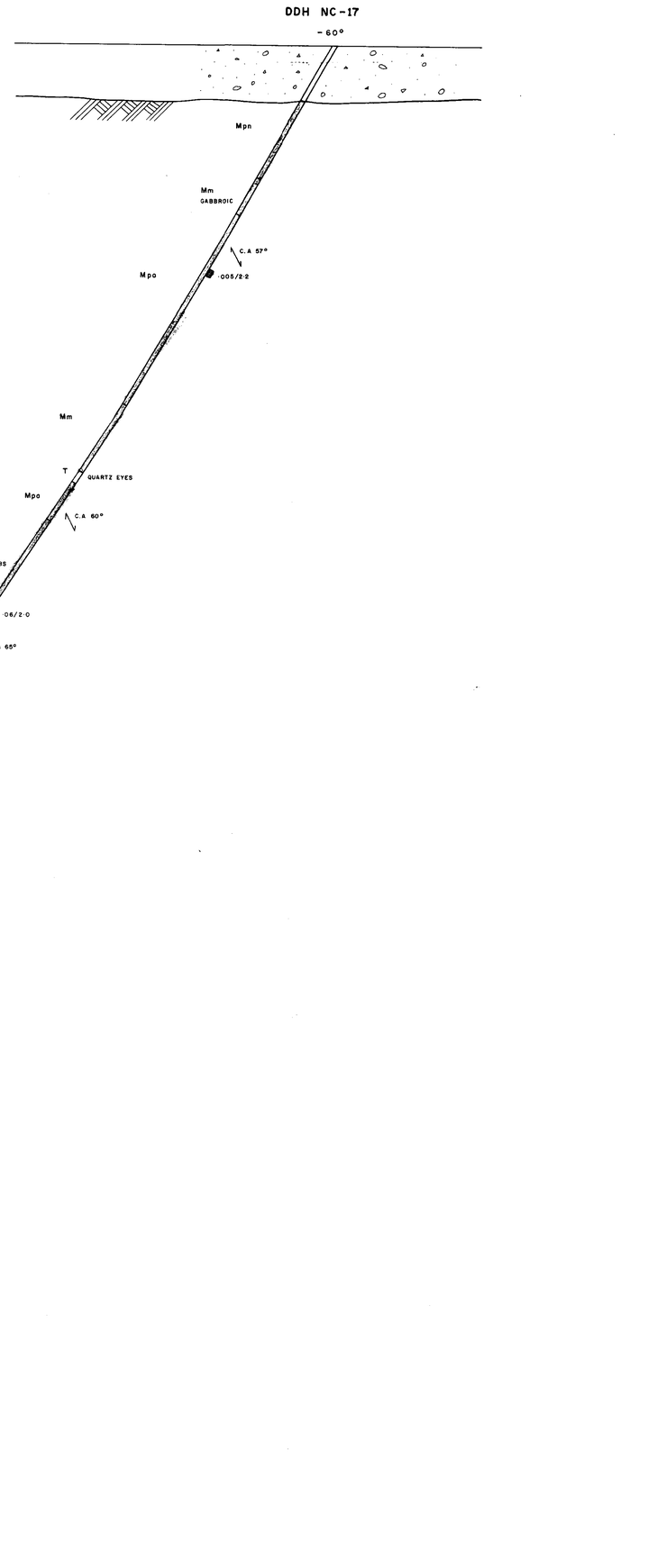
200'

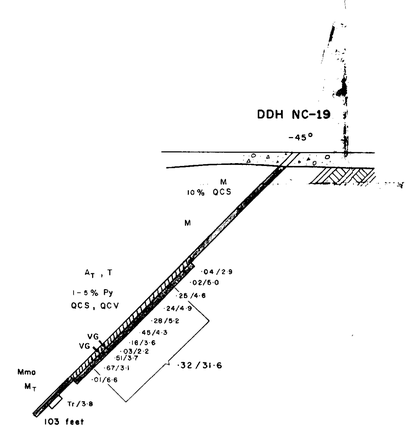
2+00 S

1+00 S

BL0+00

1+00 N





0

100'

200'

2+00 S

1+00 S

BL0+00

1+00 N