Diamond Drilling

Township of Catharine

Report Nº: 10

Work performed by: Kordol Explorations Ltd. & Keith Dean

Claim Nº	Hole Nº	Footage	Date	Note
T 44264	1	57'	Apr./60	(1)
	2	71'	Apr./60	(1)
	3	52'	Apr./60	(1)
	4	59'	Apr./60	(1)
	5	204'	Apr./60	(1)
	6	51'	May /60	(1)
	7	53'	May /60	(1)
T 44263	1	575'	Aug /60	(2)
	2	760.8'	Aug /60	(2) (3)
T 44356	1	148'	Nov /60	(1)
	2	151'	Nov /60	(1)
	3	154'	Nov /60	(1)

Notes:

(1) Kordol Explorations Ltd.
(2) Keith Dean
(3) Hole 2 was drilled Aug/60 to 270'; Aug/61 to 590', and Aug/62 to 760.8'

KERR-ADDISON EXPLORATIONS LIMITED
Suite 407, 19 Melinda Street
Toronto 1, Ontario.

REPORT OF DIAMOND DRILLING PROGRAM

BOULTON CIRCLE GOLD AREA PROPERTY

by

Michael Ogden

Toronto, Ontario.
June 10, 1960.

KORDOL EXPLORATIONS LIMITED

Suite 407, 19 Melinda Street

Toronto 1, Ontario.

TEST DIAMOND DRILLING PROGRAM

BOSTON CREEK GOLD AREA PROPERTY

REFERENCE:

1. Boston Creek Gold Area Property; by Michael Ogden, October 16, 1959.
2. Map: Boston Creek Property, Revised June 1960, Enclosed.
3. Plan and Section of Drilling; Ogden June 1960, Enclosed.
4. Drill Logs of Holes 1 to 7, Enclosed.

PROPERTY, LOCATION AND ACCESS:

The property consists of eight claims in the north-western quarter of Catharine Township, Ontario. It is readily accessible by automobile road from No. 11 highway. The road to Boston Creek is followed from the main highway and a continuing road beyond the town of Boston Creek is followed for about four and a half miles to the property. Claim numbers are as follows:

T-44355,56,57,60,61,

T-44262,64,63,

THE TEST DRILLING PROGRAM:

During the period April 20th. to May 6th. seven holes were drilled in the immediate vicinity of the main trench, all of them within claim number T-44264. The seven holes included a total footage

of 547 feet. As 343 feet of this drilling was done in six holes, each of which was less than a 100 feet in length the total credit for assessment work purposes will be 289 days.

During the preliminary work last summer a granitic porphyry dyke was found in the main trench and two feet of it assayed 1.01 ounces in gold. This led to the belief that the porphyry might contain a substantial deposit of gold mineralization throughout its length. Therefore the drilling program was designed to test the porphyry dyke in five places with diamond drilling over a length of seventy feet and to a depth of a hundred and ten feet. The program consisted of four short holes into the porphyry dyke plus one long hole under the whole trench and two additional short holes near the north end of the trench to learn the line of strike of shear zones which were exposed near the north end of the trench.

In the drilling program the porphyry dyke failed to assay any appreciable quantity of gold. Low values were encountered elsewhere in the drilling.

CONCLUSIONS:

1. It now seems clear that the porphyry dyke had the high gold assay on surface for the simple reason that at that point it was intersected by a north-westerly

trending quartz vein which carried gold. It failed to assay in depth or along its length because the gold is not apparently associated with the porphyry dyke but is only found in the vein material.

2. The shear zones exposed in the trench are now known to converge in depth and become one main shear zone running approximately east and west and dipping almost vertical.

3. The porphyry dyke is actually two approximately parallel dykes striking roughly east and west and dipping steeply to the south.

4. The main shear zone was adequately sampled and tested and failed to carry significant gold quantities.

5. The best place to look for gold still seems to be in the quartz veins.

6. The low gold values that have been encountered were associated with pyrite and chalcopyrite mineralization in hole number 3, 5 and 7.

7. It must be remembered that the portion of ground tested with diamond drilling is a very small proportion of the whole property. The rest of the property should now be prospected and geologically

mapped in order to discover what other veins and structures exist that may be gold bearing.

Respectfully submitted,

Michael Ogden.

KORDOL EXPLORATIONS LIMITED

SUITE 407, 14 MELINDA STREET

TORONTO 1, ONTARIO

DIAMOND DRILLING PROGRAMME

NUMBER 2

by

Michael Ogden

Toronto, Ontario.

February 2, 1961.

HALET, BROADHURST & OGDEN

KORDOL EXPLORATIONS LIMITED

Suite 407, 19 Melinda Street

Toronto 1, Ontario.

DIAMOND DRILLING PROGRAMME

Number 2

by

Michael Ogden

Toronto, Ontario

February 2, 1961

REFERENCES:

1. Test diamond drilling programme, Boston Creek Gold Area Property by Ogden June 1960.
2. Geological Survey, Boston Creek Area Gold Property by Ogden and Murray October 1960.

INTRODUCTION:

Following the diamond drilling of last winter, a detailed prospecting and geological survey was conducted over the Kordel ground in Catharine Township during the summer of 1960. Little outcrop was discovered but in the southeast quarter of the property, three or four gold bearing veins of quarts were discovered, trenched, sampled and mapped in detail. It was subsequently decided that these veins should be probed in depth by a diamond drilling programme. Three holes were drilled so as to intersect the veins in depth and ascertain what values in gold could be obtained therefrom.

THE DRILLING PROGRAMME:

During the peried from November 7th to November 19th, 1960, three holes were drilled by Barren Diamond Drilling of Haileybury, Ontario for a total of 453 lineal feet of AX core. Each hole inter-

sected at least two veins, each vein being a foot or more in width. Some of the holes encountered a series of quarts stringers and No. 2 intersected some veins of 2 to 2½ feet in width. Regardless of the width or mineral content, the assay results of all the veins were very low.

It is clear from the drilling plan that the three veins as discovered on the surface are an irregular group of three to four or five veins with numerous little quarts stringers between them which extend over the width of about forty feet. There is some gold occasionally concentrated within these veins, returing assays of .25, .35, ounces of gold per ton over widths of a few inches. However, significant concentrations of gold mineralization do not appear to be present in this particular vicinity.

CONCLUSIONS:

The results obtained in the drilling of the quarts veins in the southeast quarter of the property do not warrant any further work in this particular section of the ground.

Respectfully submitted,

Michael Ogden

Michael Ogden.

DIAMOND DRILL LOG

PROPERTY: Kordel Explorations Limited, Keston Creek Property HOLE NUMBER: 1

LOCATION: Claim No JV 5616

DIP TESTS

		Footage	Reading	Corrected
Latitude:	Dip: 45°			
Departure:	Depth: 148'			
Elevation: 0'	Commenced: November 7, 1960			
Azimuth: 150° true	Finished: November 10, 1960	Logged by: W.L. Murray		

SAMPLE NUMBER		DESCRIPTION	Width inches	Gold ounces
	0' - 22.0	Casing		
	22.0 - 148.0	Agglomerate-an uneven, greenish rock with considerable variations in appearance and composition-xenoliths rock salt size grain to grapefruit size grain are the apparent characteristics. The xenoliths range in composition from high feldspar (syenite) to a high mafic (gabro) and in colour from pink to dark green, sugar to rock salt size grained and ranges from a dioritic to a gabroic composition (special variation noted below)		
	22.0-30.0	Agglomerate-a greenish uneven textured rock composed of greenish white rock, salt size to walnut size grained feldspar rich xenoliths in a salt size grain dioritic matrix. The rock is noticably lineated at 60° to the core- final contact gradational over 1 foot.		
	30.0-35.5	Agglomerate-matrix same as (22.0 30.0) but the xenoliths have acquired a pink colour, are syenoptic in composition and range from rock-salt size to grapefruit size grains. Final contact gradational over 6 inches. Noticable liniation at 60° to core.		
	35.5-40.1	Agglomerate-(as in 22.0-30.0) with same liniation. Final contact gradational over 6 inches.		
4540	66.3-66.8	Network of ¼-inch quartz and calcite veinlets, salt size grain pink to greyish white-45° to core trace chalcopyrite.	6	0.005

SHEET NUMBER: 2 HOLE NUMBER: 1

SAMPLE NUMBER		DESCRIPTION	Width inches	Au
4541	66.9-67.8	2x1½ inch banded rock, calcite veinlets and quartz (sugar grain bluish grey) at 70° to core, 1% cpy.	21	trace
4542	76.2-79.5	½ inch quartz & calcite vein, fine size grain-greyish white-10° to core-1% cpy.	14	0.005
4543	77.2-79.5	2 feet quartz vein-calcite rock sugar grain-white at 75° to core 1% cpy. trace py.	27	0.01
4544	105.1-108.0	½ inch quartz vein-salt grain-pinkish white-60° to core B.V.M.		
4544	107.5-108.0	½ quartz vein-sugar grain-bluish white-10° to core-1% cpy.	6	nil
4545	108.2-109.2	1" quartz vein-sugar size grain greyish white-10° to core-trace ½" quartz vein-salt size grain, bluish white-10° to core-1% py.	12	0.005
4546	110.2-110.7	1½" quartz vein-greyish white-sugar size grain-70° to core 1% py	6	0.01
4547	113.8-115.0	10" quartz vein, rock-sugar size grain-greyish white-60° to core 1% py- 1% cpy	14	nil
	128.9-130.0	agglomerate (as in 22.0-30.0) initial final contacts gradational over 6 inches		
	148.0	End of hole.		

Sludge Assays

4479	20 to 30 feet	nil
4480	30 to 40 feet	nil
4481	40 to 50 feet	nil
4482	50 to 60 feet	nil
4483	60 to 70 feet	0.01
4484	70 to 80 feet	0.01
4485	80 to 90 feet	nil
4486	90 to 100 feet	0.005
4487	100 to 110 feet	nil
4488	110 to 120 feet	nil
4489	120 to 130 feet	nil
4490	130 to 140 feet	nil
4491	140 to 148 feet	0.01

DIAMOND DRILL LOG

PROPERTY: Kordel Explorations Limited, Boston Creek Property HOLE NUMBER: 2

LOCATION: Claim No. [illegible]

Latitude: 22'S Dip: 45° DIP TESTS — Footage / Reading / Corrected

Departure: 46'W Depth: 151'

Elevation: 1° Commenced: November 4, 1960

Azimuth: 150 true Finished: November 14, 1960 Logged by: W.L. Murray

SAMPLE NUMBER	DESCRIPTION
	0 - 23.0 Casing
	23.0 - 23.2 Feldspar porphyry: a greenish aphanitic textured rock heavily spotted with pink and yellow feldspar grains. The matrix is salt size, grained with diorite composition while the feldspar is rock salt size to apple seed size grain and is rounded to sub-rounded in outline. The final contact is lost.
	23.2 - 24.0 quartz diorite: an even textured salt grain size-brownish grey rock composed of 2/3 feldspar 1/3 mafic mineral (mainly biotite) 5% quartz 1% pyrite-the initial contact and final contacts are lost
	24.0 - 146.4 agglomerate (as in hole 1) final contact at 90° to core
	32.6-32.7 1" banded pink feldspar vein-sugar grain size 75° to core
	33.2-33.3 ½ inch pink feldspar vein-sugar grain size-80° to core F.F.H.
	34.2-34.3 feldspar vein (as 33.2-33.3)
	34.6-34.8 ¼" calcite vein-salt size grain pinkish white-40° to core-1% py.
	34.8-34.9 1" calcite vein and rock-salt size grain-p.white-contact vague-1% py
	39.6-39.8 lemon size grain spot of sugar size grains of feldspar-quartz & calcite
	40.8-40.9 ½" vein of quartz-pinkish feldspar sugar size grain-70° to core 1% py
	40.9-41.1 calcite vein (as in 34.6-34.8)

SHEET NUMBER: 2 HOLE NUMBER: 2

SAMPLE NUMBER		DESCRIPTION	Width inches	Au
4548	45.9-46.4	quartz vein & host rock-bluish grey icing sugar size-80° to core 3% py	6	0.07
	57.1-57.3	½" vein quartz & pinkish feldpar		
	61.3-62.7	½" calcite vein-salt size grain-pinkish white 80° to core 1% py		
	62.6-62.7	½ calcite vein-80° to core		
4549	64.4-65.3	1" quartz vein & calcite-sugar grain-greyish white-60° to core3% py	11	nil
4550	66.0-72.0	agglomerate containing numerous quartz stringers with chalcopyrite 2% CPY	72	0.005
4551	76.1-78.2	2" quartz vein-sugar size grain greyish white-70° to core-1% CPY	25	0.005
	78.6-80.1	agglomerate (as in hole 1-22.0-30.0 - initial and final contacts gradational over 3 inches.		
4552	94.5-95.0	3" quartz veinsalt size grain greyish white 60° to core-some calcite, NVM	6	nil
4553	103.4-103.9	3" quartz vein-salt size grain-greyish white-contacts lost-2% CPY	6	0.005
	105.9-106.0	½" calcite vein-salt size grain-pinkish white-contacts vague irregular NVM		
	118.0-118.1	½" quartz vein-salt size grain bluish white-80° to core-NVM		
	119.7-123	feldspar porphyry (as above) initial and final contacts lost		
	144.2-145.8	agglomerate, but numerous rounded particles of quartz are distinguishable, these quartz spots vary from rock salt size to grape size		
146.4-148.7 and 146.4-148.7		diorite and even texture-greenish rock salt size composed 3/5 feldspar 1/5 mafic (hornblende) 1% quartz-initial contact chilled at 90° to core. Final contact lost		
	148.7-151.0	agglomerate (as above)		
	151.0 End of hole			

SHEET NUMBER: 3 HOLE NUMBER: 2

SAMPLE NUMBER	DESCRIPTION		
	Sludge Assays		
4509	23 to 30 feet		nil
4510	30 to 40 feet		nil
4511	40 to 50 feet		nil
4512	50 to 60 feet		nil
4513	60 to 70 feet		0.00$
4514	70 to 80 feet		0.00$
4515	80 to 90 feet		nil
4516	90 to 100 feet		0.00$
4517	100 to 110 feet		nil
4518	110 to 120 feet		nil
4519	120 to 130 feet		nil
4520	130 to 140 feet		nil
4521	140 to 151 feet		nil

DIAMOND DRILL LOG

PROPERTY: Kerdel Explorations Ltd. Boston Creek Property HOLE NUMBER: 2

LOCATION: Claim No. 44356 DIP TESTS

Latitude: 44 feet south from hole No. 1 Dip: 45° Footage Reading Corrected

Departure: 92 feet east from hole No. 1 Depth: 154 feet

Elevation: + 2 Commenced: November 17, 1960

Azimuth: 150° true Finished: November 19, 1960 Logged by: W. L. Murray

SAMPLE NUMBER	DESCRIPTION	Width Inches	Au oz.
	0.0 -14.0 Casing.		
	14.0-31.5 Diorite as in hole 1 (146.4-148.7). Final contact gradtional over 1 feet.		
	31.5-57.0 Syenite, a pinkish red rock, even textured salt size to rock salt size grain with 3/5 feldspar, 2/5 mafic mineral. 1% salt size pyrite grain also present, final contact lost.		
	34.4-35.7: A lense of feldspar rich agglomerate as in hole 1 (22.0-30.0). Initial contact @ 70° to core with syenite being slightly chilled, final contact lost.		
	38.9-40.0: ¾ inch quartz vein, salt size grain, pinkish white @ 45° to core NVN.		
4589	39.7-40.3: 3 inch quartz vein, rock salt size grain pink-greyish white @ 30° to core NVN.	7	0.01
4590	41.1-41.6: ½ in. quartz vein, rock salt size grain pinkish white @ 40° to core, contains 5% black metallic flaky salt size grained mineral (specular hematite)	6	nil
	41.9-42.2: ¼ in. quartz vein, salt size grain, pinkish white @ 30° to core NVN.		
	42.3-42.4: ¼ in. quartz vein as above @ 45° to core NVN.		
	43.2-43.4: ¼ in. quartz vein as above @ 30° to core 1% pyrite.		
	43.4-43.6: ¼ in. quartz vein as above.		
	45.0-45.3: 1 in quartz vein, rock salt size grain, pinkish white @ 45° to core NVN.		
4591	47.1-47.7: 2 in. quartz vein, rock salt size grain greyish white @ 45° to core, 1% pyrite.	7	nil
4592	48.4-48.9: 1 in. quartz vein salt size grain, pinkish white @ 30° to core, 1% pyrite.	6	nil
	49.0-51.3: Diorite as in hole 1 (146.4-148.7) initial contact lost, final contact chilled @ 30° to core.		
	57.0-154.0 Agglomerate as in hole 1.		
4593	62.0-63.0: 1½ in. quartz vein, salt size grain, greyish white, contacts lost, 1% py., 0.5% spy.	24	0.01
	74.4-74.5: ¼ in. quartz vein, sugar size grain, greyish white @ 70° to core NVN.		
	81.0-82.5: Feldspar rich agglomerate (34.4-35.7) contacts gradational over 3 inches.		
4594	86.7-87.4: 6 in. quartz vein and calcite, sugar size grain, greyish white @ 60° to core, 1% pyrite,	8	0.005

SHEET NUMBER: 2 HOLE NUMBER: 3

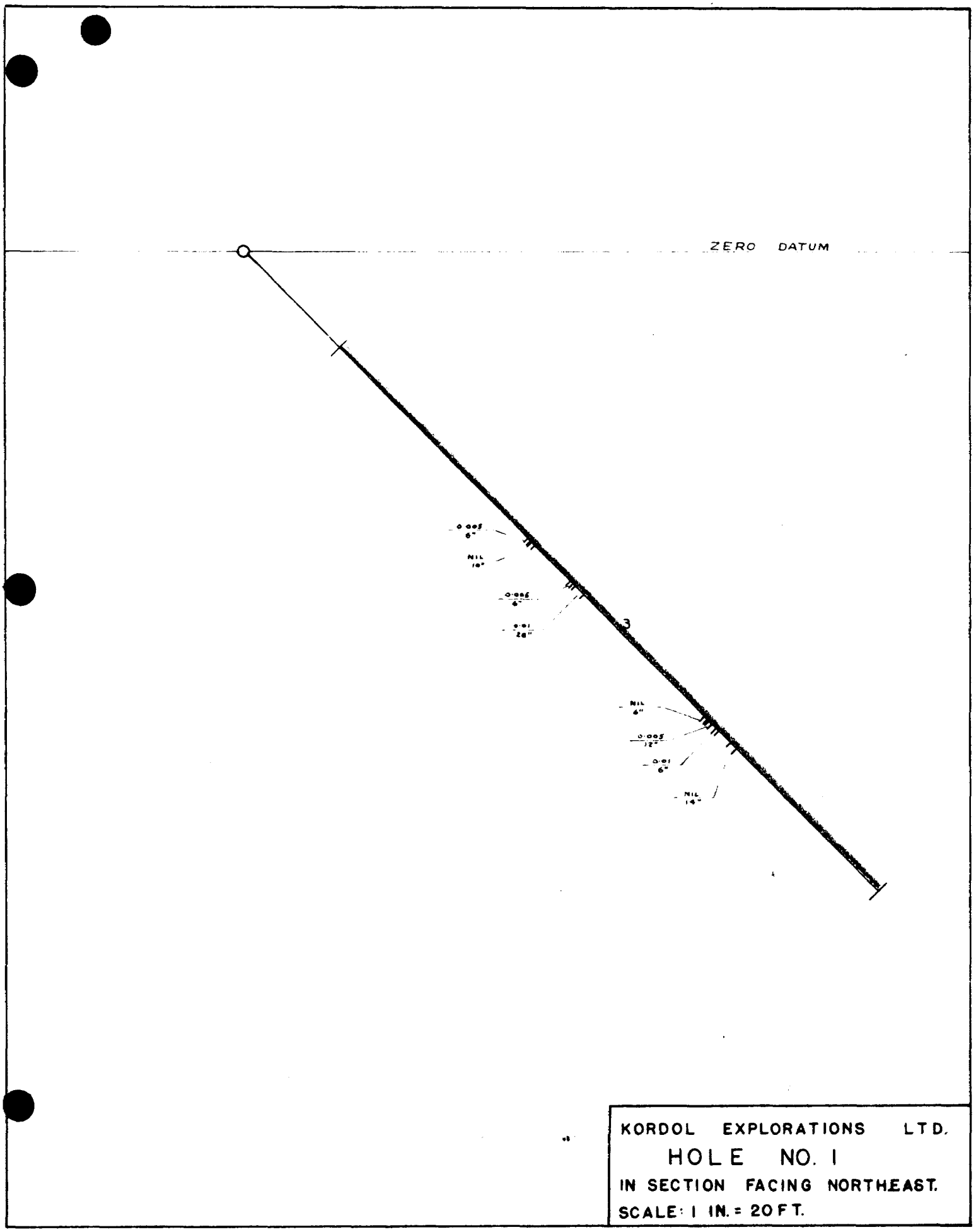
SAMPLE NUMBER	DESCRIPTION	width inches	Au
4595	89.5-92.5: 2½ feet quartz vein and calcite, salt size grain, rock salt size, greyish white 2% pyrite, contacts vague.	36	nil
4596	105.6-107.7: 1½ feet quartz vein, bluish white to pinkish white, salt size to rock salt size grain, contacts lost, 2% pyrite.	25	nil
	131.9-132.5: 1 in. quartz-calcite vein, rock salt size grain, pinkish white @ 30° to core BVM.		
	154.0 End of hole.		

Sludge Assays

4522	20 to 30 feet	0.00[illegible]
4523	30 to 40 feet	nil
4524	40 to 50 feet	0.00[illegible]
4525	50 to 60 feet	nil
4526	60 to 70 feet	nil
4527	70 to 80 feet	nil
4528	80 to 90 feet	nil
4529	90 to 100 feet	nil
4530	100 to 110 feet	nil
4531	110 to 120 feet	nil
4532	130 to 153 feet	nil

LEGEND

2	SYENITE
3	AGGLOMERATE
5	FELDSPAR PORPHYRY
6	QUARTZ DIORITE
7	DIORITE

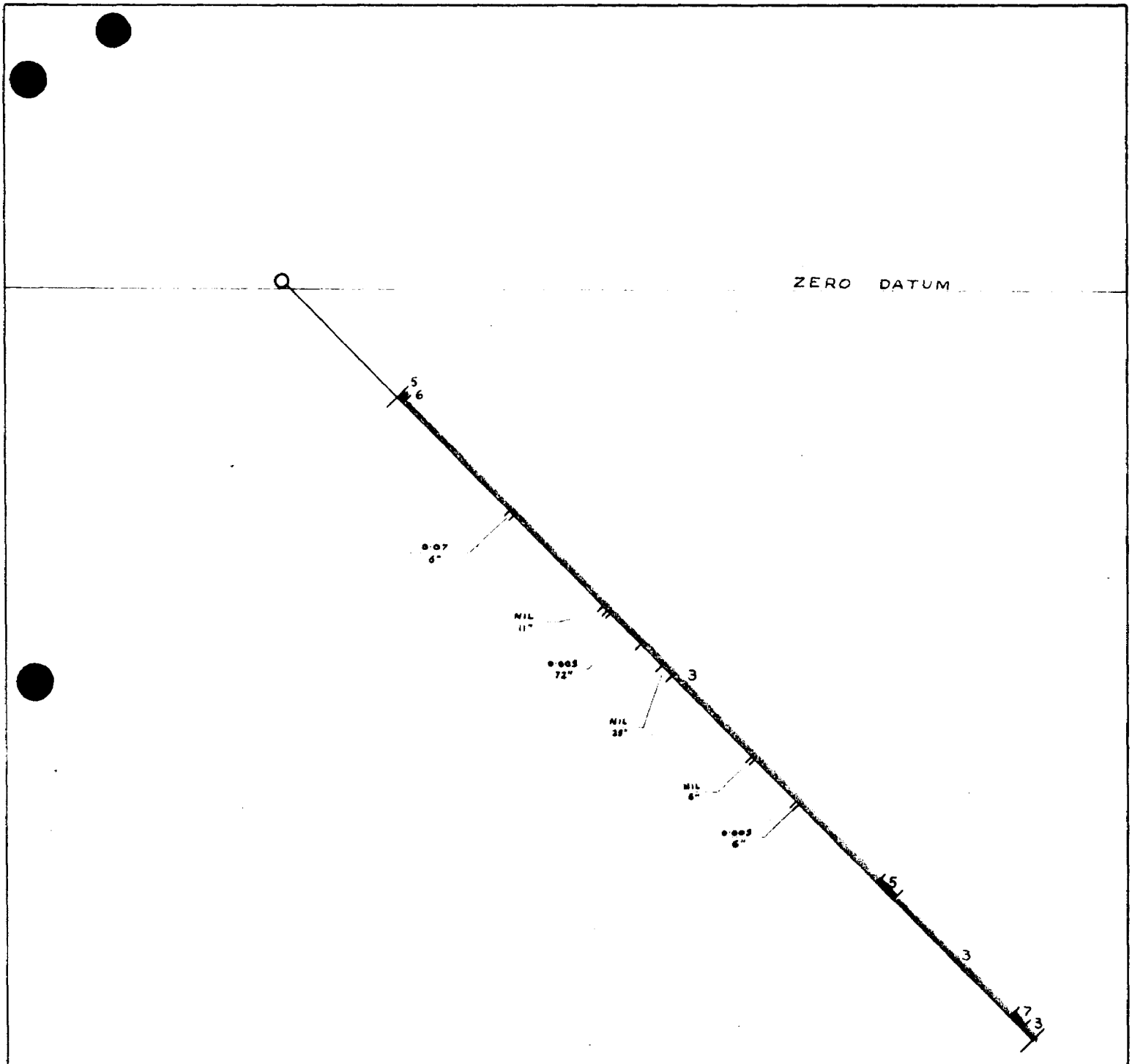


KORDOL EXPLORATIONS LTD.

HOLE NO. 1

IN SECTION FACING NORTHEAST.

SCALE: 1 IN. = 20 FT.

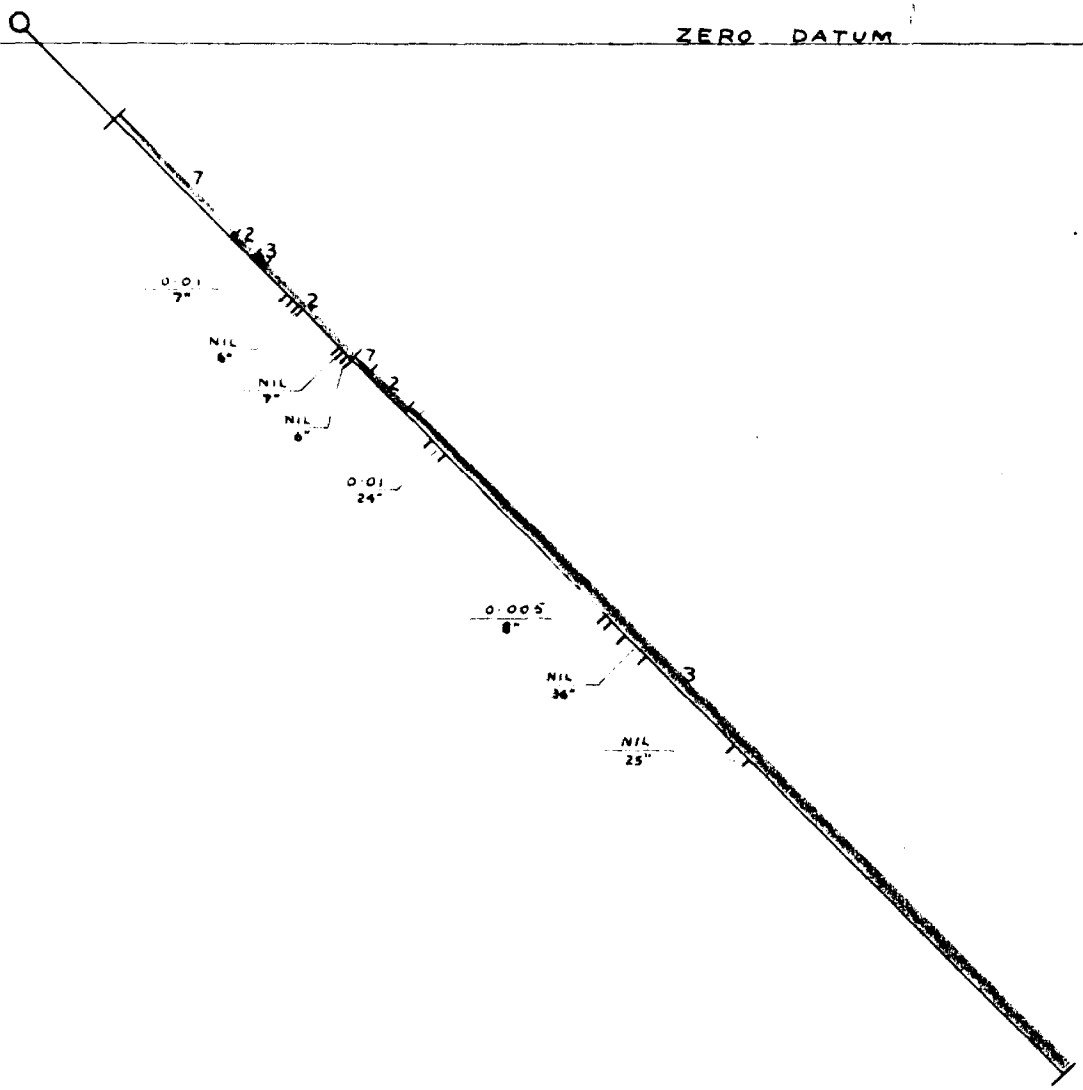


KORDOL EXPLORATIONS LTD.

HOLE NO. 2

IN SECTION FACING NORTHEAST.

SCALE: 1 IN. = 20 FT.



KORDOL EXPLORATIONS LTD.

HOLE NO. 3

IN SECTION FACING NORTHEAST

SCALE: 1 IN. = 20 FT.

DIAMOND DRILL LOG

PROPERTY: KORDOL EXPLORATIONS LIMITED - [illegible]

LOCATION: In main trench starting at south [illegible] shear zone

Latitude: 0 Dip: 45°

Departure: 0 Depth: 57.0 feet

Elevation: 0 Commenced: April 24, 1950

Azimuth: south approx. Finished: April 25, 1950

SAMPLE NUMBER	DESCRIPTION	
	0.0 -6.0 Casing.	
	6.0 -14.5 Siliceous agglomerate, light green [illegible] irregular [illegible] vague inclusions [illegible] Contains a few [illegible] the core.	
	14.5-25.0 Granitic porphyry [illegible] red rock salted [illegible] scattered pea size [illegible] pyrite throughout. [illegible] lined hematite [illegible] contacts irregular and [illegible]	
2186	14.5-20.0 - 5.5 feet	[illegible]
2187	20.0-25.0 - 5.0 feet	[illegible]
	25.0-28.0 Agglomerate as above [illegible] stringers.	
	28.0-46.5 Granitic porphyry, [illegible] to core.	
	35-38 Broken core.	
2188	28.0-33.0 - 5.0 feet	[illegible]
2189	33.0-38.0 - 5.0 feet	[illegible]
2190	38.0-43.0 - 5.0 feet	[illegible]
2191	43.0-46.5 - 3.5 feet	[illegible]
	46.5-57.0 Agglomerate as above	
	50.0 ¼ in. quartz vein at 30°	
	57.0 End of hole.	

Sludge Samples

25.0-35.0 - 10.0 feet	[illegible]
35.0-45.0 - 10.0 feet	[illegible]
45.0-57.0 - 12.0 feet	[illegible]

Hank Woodward

DIAMOND DRILL LOG

PROPERTY: KORDOL EXPLORATIONS LIMITED - Boston Creek Property HOLE NUMBER: 2

LOCATION: From hole No. 1

DIP TESTS

				Footage	Reading	Corrected
Latitude:	10 feet north	Dip:	45°			
Departure:	20 feet west	Depth:	71.0 feet			
Elevation:	plus 5 feet	Commenced:	April 25, 1960			
Azimuth:	south approx.	Finished:	April 25, 1960	Logged by:	M. Ogden.	

SAMPLE NUMBER	DESCRIPTION			gold
	0.0 -10.0 Casing.			
	10.0-22.0 Agglomerate.			
2192	15.0-16.5 - 1.5 feet			nil
2193	20.5-23.5 - 3.0 feet across the contact			nil
	22.0-35.5 Granitic porphyry, initial contact sheared and broken-up both final and initial contacts at about 90° to core			
	35.0-40.5 Agglomerate.			
	40.5-49.5 Granitic porphyry as above.			
	49.5-71.0 Agglomerate.			
	71.0 End of hole.			

DIAMOND DRILL LOG

PROPERTY: KUROIL EXPLORATIONS LIMITED - Boston Creek Property HOLE NUMBER: 3

LOCATION: From Hole No. 1

Latitude: 10 feet north Dip: 45° DIP TESTS

Departure: 40 feet west Depth: 52 feet Footage Reading Corrected

Elevation: Plus 3.0 feet Commenced: April 25, 1960

Azimuth: South approx. Finished: April 26, 1960 Logged by: M. Ogden

SAMPLE NUMBER	DESCRIPTION		gold
	0.0 -6.0	Casing.	
	6.0 -29.0	Silicious agglomerate	
	29.0-36.0	Granitic porphyry with little mineralization.	
1828	27.0-30.0	- 3.0 feet of contact zone with 1% pyrite	0.02
	36.0-45.0	Siliceous agglomerate.	
	45.0-52.0	Granitic porphyry. The last two feet of the hole being in a shear zone with a little bit of molybdenum.	
1929	51.0-52.0	- 1.0 feet	trace
	52.0	End of hole.	

DIAMOND DRILL LOG

PROPERTY: KORDOL EXPLORATIONS LIMITED - Beaton Creek Property HOLE NUMBER: #4

LOCATION: From Hole No. 1

Latitude: 0 Dip: 45°

Departure: 20 feet east Depth: 59.0 feet

Elevation: plus 4.0 feet Commenced: April 23, 1960

Azimuth: south approx. Finished: April 24, 1960 Logged by: H. Ogden.

DIP TESTS

Footage	Reading	Corrected

SAMPLE NUMBER	DESCRIPTION	gold
	0.0 -10.0 Casing.	
	10.0-19.5 Silicious agglomerate	
	19.5-44.2 Granitic porphyry with 1% fine pyrite, disseminated throughout, frequent slips and hair line hematite threads.	
2180	19.5-24.0 - 4.5 feet	nil
2181	24.0-29.0 - 5.0 feet	nil
2182	29.0-33.5 - 4.5 feet	nil
2183	33.5-38.0 - 4.5 feet	nil
2184	38.0-42.5 - 4.5 feet	nil
2185	42.5-44.2 - 1.7 feet	nil
	44.2-56.4 Silicious agglomerate as above.	
	54.0 ¼ in. quartz vein carbonate at 30° to core.	
	56.4-59.0 Granitic porphyry at 45° to core.	
	59.0 End of hole	

DIAMOND DRILL LOG

PROPERTY: KORDOL EXPLORATIONS LIMITED - Boston Creek Prop. HOLE NUMBER: 5

LOCATION: From hole No. 1

DIP TESTS

				Footage	Reading	Corrected
Latitude:	62.0 feet north	Dip:	45°			
Departure:	0.0	Depth:	204 feet			
Elevation:	0.0	Commenced:	April 27, 1960			
Azimuth:	south approx.	Finished:	May 2, 1960	Logged by:	M. Ogden.	

SAMPLE NUMBER	DESCRIPTION	gold
	0.0 -6.5 Casing.	
	6.5 -13.0 Silicious agglomerate.	
	13.0 -32.0 Dioritic porphyry, light grey-green with fine grained matrix dotted with rock salt sized rounded feldspar phenocrysts. Initial contacts vague.	
	32.0 -38.0 Sheared diorite porphyry 1% pyrite and some chlorite.	
1830	32.0-35.0 - 3.0 feet	trace
1831	35.0-38.0 - 3.0 feet	trace
	38.0 -52.0 Dioritic porphyry as above.	
1832	46.8-47.8 - 1.0 feet of 3% chalcophyrite, 10% py. in a 1 in. massive vein at 47.6 feet	0.08
	52.0 -67.0 Sheared agglomerate. This is the same rock as the chloritic shear zone exposed in the trench on the surface.	
1833	52.0-57.0 - 5.0 feet of	trace
1834	57.0-62.0 - 5.0 feet	trace
1835	62.0-67.0 - 5.0 feet	trace
	67.0 -119.0 Agglomerate not sheared.	
	119.0-141.0 Granitic porphyry with very little mineral.	
1836	127.0-130.0 - 3.0 feet with a trace of pyrite.	trace
	141.0-151.5 Agglomerate.	
	151.5-169.0 Granitic porphyry.	
1837	151.5-154.0 - 2.5 feet of granitic porphyry, tr. in pyrite	trace
	169.0-204.0 Agglomerate.	
	204.0 End of hole.	

DIAMOND DRILL LOG

PROPERTY: KORDOL EXPLORATIONS LIMITED - Boston Creek Proper. HOLE NUMBER: 6

LOCATION: From hole No. 1

Latitude: 62.0 feet north

Departure: 20 feet east

Elevation: plus 2.0 feet

Azimuth: south approx.

Dip: 45°

Depth: 51.0 feet

Commenced: May 3, 1960

Finished: May 4, 1960

Logged by: M. Ogden.

DIP TESTS

Footage	Reading	Corrected

SAMPLE NUMBER	DESCRIPTION		gold
	0.0 -8.0 Casing.		
	8.0 -51.0 Dioritic porphyry.		
1838	28.0-30.0 - 2.0 feet sheared porphyry		trace
	51.0 End of hole.		

DIAMOND DRILL LOG

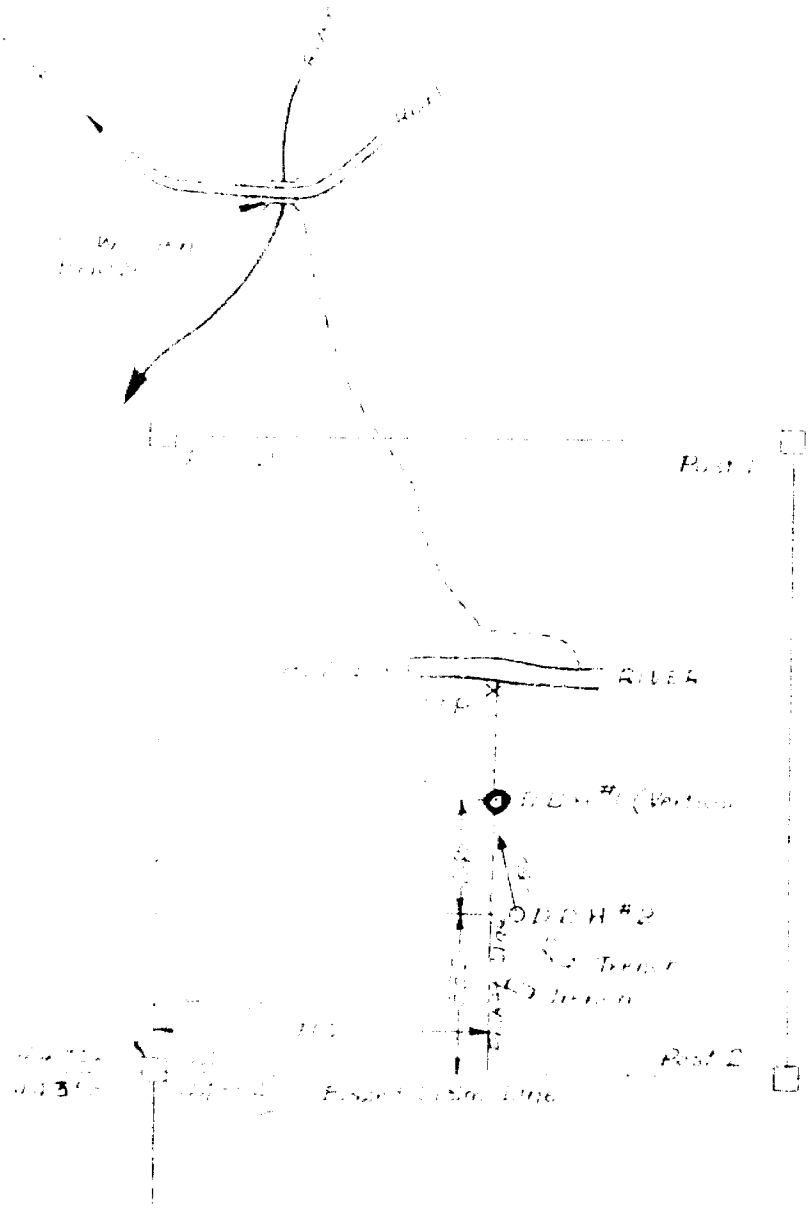
PROPERTY: NORDOL EXPLORATIONS LIMITED - Boston Creek Prop HOLE NUMBER: 7

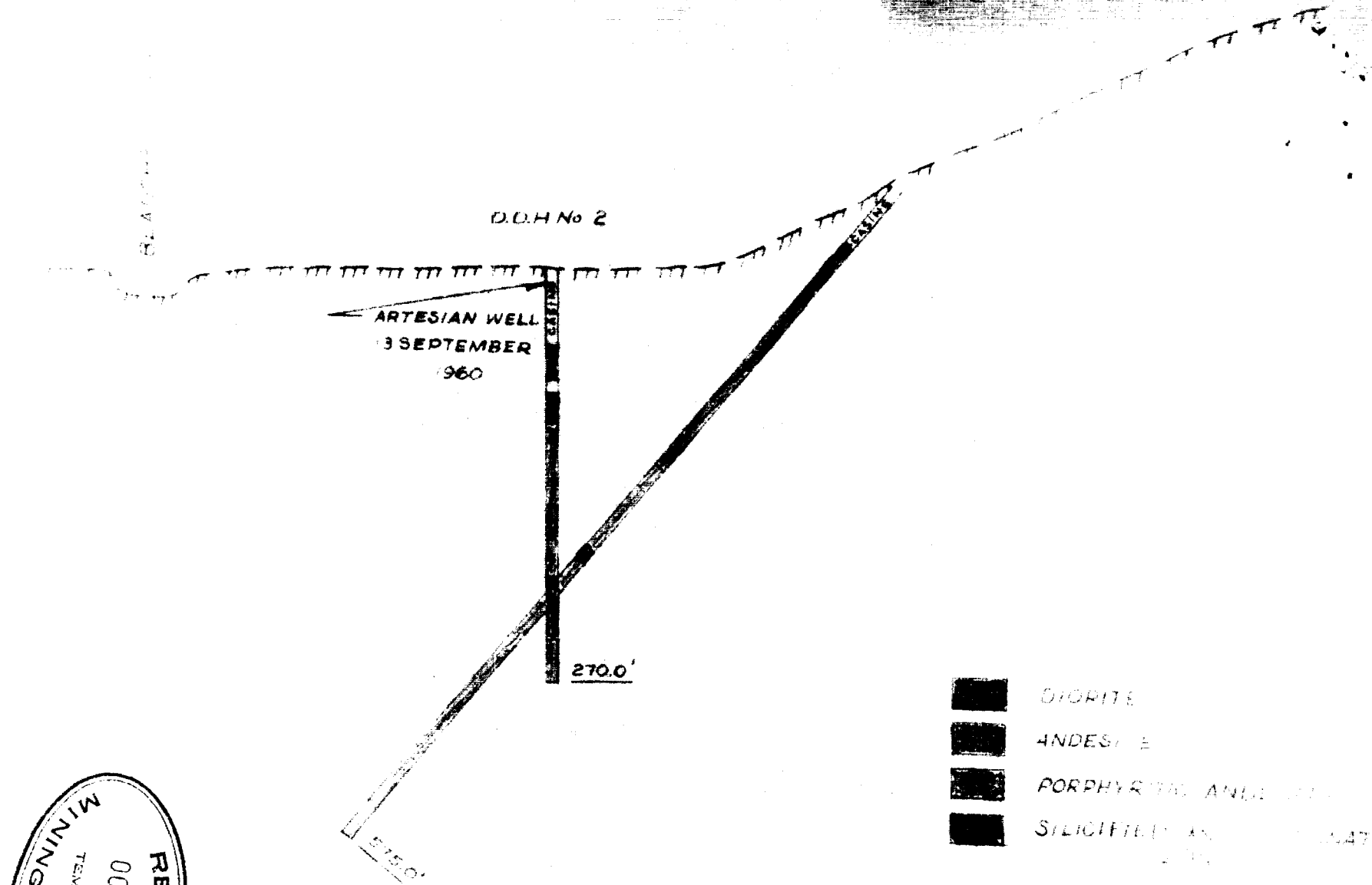
LOCATION: From Hole No. 1

DIP TESTS

Latitude:	62.0 feet north	Dip:	45°	Footage	Reading	Corrected
Departure:	20 feet west	Depth:	53.0 feet			
Elevation:	plus 1.0 feet	Commenced:	May 5, 1960			
Azimuth:	south approx.	Finished:	May 6, 1960	Logged by:	M. Ogden.	

SAMPLE NUMBER	DESCRIPTION		gold
	0.0 -10.0 Casing.		
	10.0-22.0 Greenstone.		
1839	12.0-13.0 - 1.0 feet 20% pyrite, 3% chalcopyrite		0.02
	22.0-51.0 Diorite porphyry.		
	51.0-53.0 Sheared diorite porphyry.		
	53.0 End of hole		


RIVER
CLAIMS
N.E. ¼ W. ½ LOT 5, CON 5
CATHERINE TWP
7 OCT. 1961



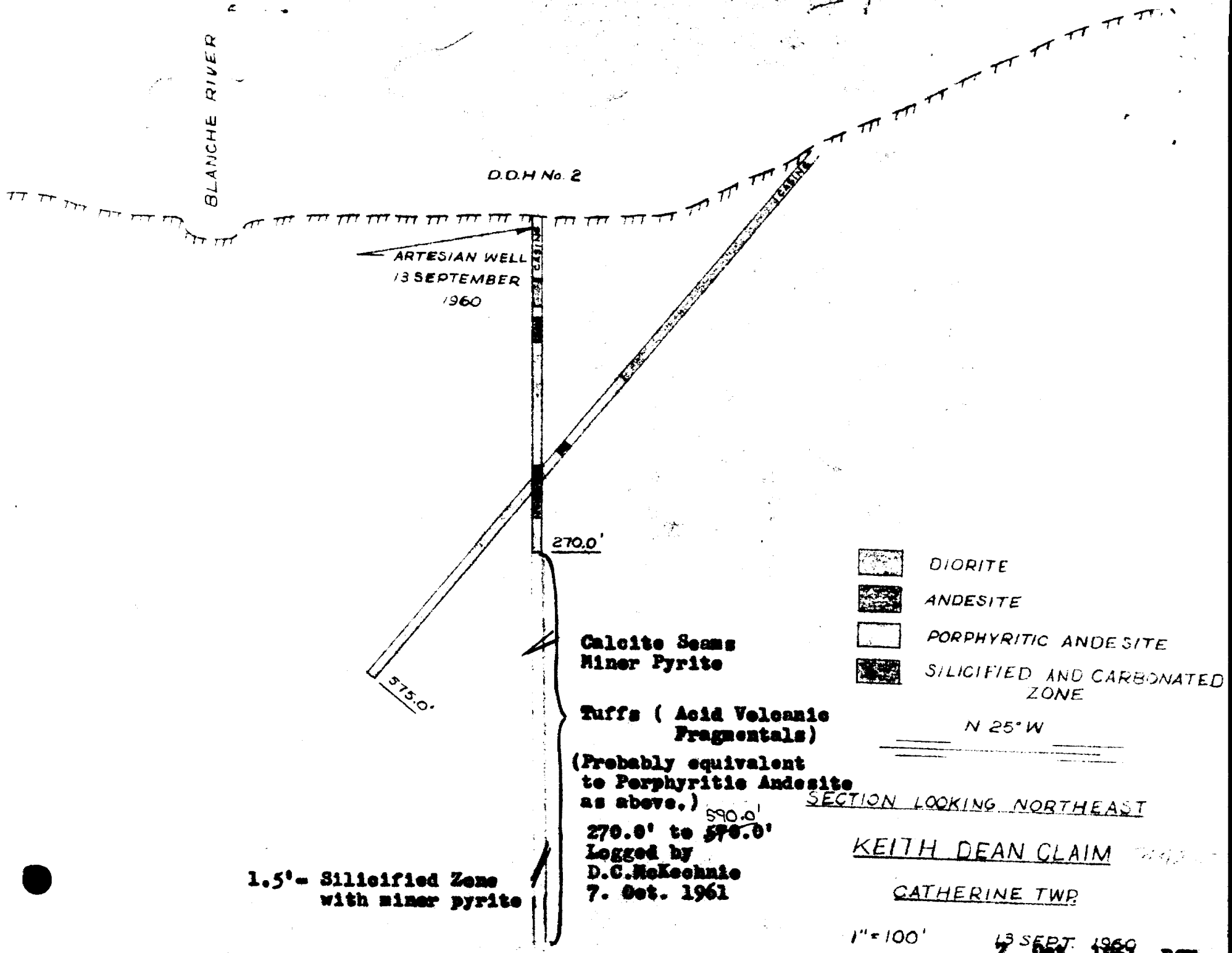
SECTION LOOKING

KEITH DEAN

CATHERINE

T44263

1" = 100'


BLANCHE RIVER
D.D.H No. 2
CASING
ARTESIAN WELL
13 SEPTEMBER
1960
270.0'
575.0'
Calcite Seams
Minor Pyrite
Tuffs (Acid Volcanic
Fragmentals)
(Probably equivalent
to Porphyritic Andesite
as above.)
590.0'
270.0' to 570.0'
Logged by
D.C.McKechnie
7. Oct. 1961
1.5'- Silicified Zone
with minor pyrite
DIORITE
ANDESITE
PORPHYRITIC ANDESITE
SILICIFIED AND CARBONATED
ZONE
N 25° W
SECTION LOOKING NORTHEAST
KEITH DEAN CLAIM
CATHERINE TWP.
1" = 100'
13 SEPT. 1960
7 Oct. 1961 DCM

KEITH DEAN CLAIMS

Catherine Township
Temiskaming Mining Division

Diamond Drill Hole Log

Hole Number: 1
Direction: N 25° W
Dip: - 50°
Depth: 575.0'
Core Size: 7/8" (EXT)

Stored in Smith's D/D shed at Chapeau Heights.

Location:
Date Started: August 10, 1960
Date Completed: August 20, 1960
Logged by: D. W. Tully, Cobalt, Ontario.
Drilled by: Brodrille Diamond Drilling Ltd., 12 Government Rd., West, Kirkland Lake, Ontario.

Depth Feet	Formation	Sample No.	Width of Sample
0 - 53.3	Casing		
- 54.7	Sheared and brecciated Andesite with white translucent quartz stringers - blocky	62701	1.4
- 73.5	Andesite - pale to dark green variegated - fine grained - very blocky 70' - 73.5'		
- 84.1	Ground Core (10.6')		
- 88.5	Andesite - pale to dark green - variegated - blocky		
- 93.0	Andesite - chloritized and sheared at 60° to core		
- 99.0	Ground Core		
-107.1	Andesite - pale to dark green - variegated - blocky		
-108.7	Ground Core		
-112.0	Andesite - sheared and brecciated with barren dextrals quartz stringers up to 2" wide		
-114.5	Andesite — as above —		
-116.1	Ground Core		
-118.0	Andesite - very blocky		
-119.0	Ground Core		
-120.4	Andesite - very blocky		
-121.6	Ground Core		
-123.3	Andesite - very blocky		
-124.7	Ground Core		
-126.0	Andesite		
-126.7	Ground Core		
-130.0	Andesite - medium grained - fractures at 45° and [illegible] - blocky		
-131.1	Ground Core		
-134.4	Andesite - medium grained - " " " " " "		
-135.0	Ground Core		
-136.5	Andesite - medium grained - " " " " " "		
-137.3	Ground Core		
-142.7	Andesite - medium grained - " " " " " "		
-143.3	Ground Core		
-144.8	Andesite - medium grained - " " " " " "		
-145.6	Ground Core		
-147.3	Andesite - medium grained - " " " " " "		
-149.0	Ground Core		
-162.7	Andesite - medium grained - " " " " " "		
-166.3	Andesite - fine grained - chloritic - variegated - blocky		
-167.0	Ground Core		

Depth Feet	Formation	Sample No.	Width of Sample
167.0-169.0	Andesite - fine grained - chloritic - variegated - blocky		
-170.0	Ground Core		
-174.4	Andesite - " " " " "		
-174.1	Ground Core		
-177.6	Andesite - " " " " "		
-178.6	Andesite with 4" brecciated and silicified zone with fine pyrite	62702	1.0
-181.9	Andesite - Fine grained - chloritic with fine Quartz- carbonate veining - blocky		
-182.9	Ground Core		
-185.0	Andesite - as above		
-186.5	Ground Core		
-188.1	Andesite - " " and variegated "		
-190.0	Ground Core		
-191.4	Andesite - " " " " "		
-192.7	Ground Core		
-202.0	Andesite - " " " " "		
-207.0	Ground Core		
-210.6	Andesite Breccia with scattered small sheared lithic fragments and suggested feldspar phenocrysts		
-213.3	Ground Core		
-228.0	Porphyritic Andesite - variegated		
-228.6	Ground Core		
-238.7	Porphyritic Andesite "		
-239.2	Ground Core		
-245.0	Andesite - fine grained - chloritic - variegated - blocky		
-245.5	Ground Core		
-248.0	Andesite - fine grained - chloritic - variegated with vuggy white quartz stringers - blocky		
-311.6	Porphyritic Andesite - variegated with scattered dark green fragments between 269' - 273' and also smaller example at 285'		
-312.2	Ground Core		
-312.9	Porphyritic Andesite -- as above -- very blocky		
-313.7	Ground Core		
-314.2	Porphyritic Andesite " " "		
-316.0	Ground Core		
-319.0	Chloritic sheared zone with barren white translucent quartz stringers		
-320.0	Ground Core		
-326.8	Pale grey green carbonated Andesite with fine pyrite		
-330.3	Pale grey green carbonated Andesite with silicified zones and pyrite aggregates	62703	3.5
-430.9	Porphyritic Andesite - two generations of well developed feldspar phenocrysts epidotized at 370' and weak fracturing at 45° - 60° between 383' - 384', 402' - 403', 407' - 408'		
-433.6	Porphyritic Andesite - sheared, stringers pale blue quartz - contact rock carries disseminated fine pyrite and chalcopyrite	62704	2.7
-475.0	Porphyritic Andesite - scattered fragments, [illegible] - blocky		
-476.5	Dark grey silicified zone with fine disseminated pyrite	62705	1.5
-478.3	Porphyritic Andesite with disseminated pyrite	62706	1.8

Formation	Sample No.	Width of Sample
Porphyritic Andesite		
" "		
" " - blocky		
" " with narrow vuggy translucent quarts stringers and fine pyrite	62707	1.0
Porphyritic Andesite with white translucent quarts stringers at [illegible] - blocky zones at 524' - 527', 551' - 552', 555' - 556' 558' - 571'		

END OF HOLE

[illegible] - 11.1%

[illegible] DEAN CLAIMS

Catherine Township
Temiskaming Mining Division

Diamond Drill Hole Log

Location:
Date Started: August 21, 1960
Date Completed: August 28, 1960
Logged by: D. W. Tully,
Dobie, Ontario.
Drilled by: Bradville Diamond Drilling Ltd.,
12 Government Rd., West,
Kirkland Lake, Ontario.

Formation	Sample No.	Width of Sample
[illegible] stained with feldspar phenocrysts - very blocky		
[illegible] quartz stringer	"	"
[illegible]	"	"
[illegible]	"	"
[illegible]	"	"
[illegible] at 60°, vuggy milky quartz stringers		
[illegible] Diorite	- very blocky	
[illegible] of Diorite	"	"
[illegible] of Diorite	"	"
[illegible] silicified, disseminated pyrite		
[illegible] quartz veining - blocky	62708	1.7
[illegible] at 40° - 45°, pale blue grey vuggy		
[illegible] disseminated pyrite - very blocky	62709	2.1
[illegible] variegated, pyrite, sheared at		
[illegible] blocky		
[illegible] -- as above --, 2" white quartz vein	62710	1.0
[illegible] -- as above --, fine grey quartz-carbonate		
[illegible] fragment - very blocky		
[illegible] - grading from above - indistinct		
[illegible] of possibly 2 generations - fine		
[illegible] veining. Epidote at 125'- 127'		
[illegible] Andesite - fragments suggested at 140'-141',		
[illegible] veining at 139.5'		
[illegible] silicified zone, fine porcelanic-quartz		
[illegible] disseminated pyrite	62711	3.0
[illegible] Andesite -- as above --		

	Sample No.	Width of Sample
...ers in porphyritic		
...pyrite	62712	1.0
...porphyritic Andesite with		
... fine pyrite seams and	62713	1.0
...quartz zone - disseminated pyrite,	62714	1.0
...silicified zones in porphyritic		
...and aggregates	62715	1.0
...bluish grey quartz stringer with pyrite	62716	0.5
..., scattered fine		
...silicified zone with sparsely		
...pyrite	62717	2.5
...in seams	62718	2.5
...bluish quartz stringers	62719	3.0
...silicified		
...zone, fine disseminated pyrite	62720	2.0
...with disseminated pyrite	62721	1.0
...zone - fine pale bluish quartz		
...pyrite	62722	2.0
...with disseminated pyrite in	62723	1.5
...silicified zone		
...fine quartz stringers and pyrite seams	62724	2.0
... - 2 generations of phenocrysts, green		

END OF HOLE

KEITH IRAN CL. No.S

Catherine Township.
Temiskaming Mining Division

Diamond Drill hole Log. Hole No. 2 - (270' to 590')

Hole no. 2 (270'-590')
Direction - Vertical-down
Depth - 270 to 590 Feet.

Location- Claim T-44263
N.E. 1/4, N 1/2
Lot 8, Con V, Catherine Twp
575' North of and
710' East of S.W.
Corner C. T-44263

Drilled started - August 16th- 1961
Completed - August 25th- 1961

Drilled by Leo Fenrack-
Parkbine Motel,
Kirkland Lake, Ontario

Logged by D.C.McKechnie P.Eng.
185 McNaughton St.
Sudbury Ontario

---

0 - 50.0 Casing.
-270.0 Lost core, September 1960. See note at end of drill log.
-276.0 [illegible], Argillaceous fragments, grey-green roundness
277. Lost core.
279.0 Tuffs, massive, (as above)
279.0 Lost core
280.0 Tuffs,
280.8 Lost core
282.00 Tuffs
283. Lost core
287.0 Tuffs.
[illegible], [illegible], many narrow (1/16" to 1/8") veins calcite with a little disseminated pyrite at 287.0 to 288.0 feet.
334.5 Lost core
337.7 Tuffs, [illegible] seam calcite
339.5 Lost core
351.0 Tuffs, massive, many narrow seams of calcite @ 45° to 90° to core axis, occas. min. of pyrite. at 347.0'- 0.2' of hornebleńde dyke) contact at 70° to C.A. with 1/8" seam quartz and a little crystalline pyrite
352.0 Lost core
362.0 Tuffs, massive
368.0 Lost core
365.0 Tuffs
270.0 Lost core
383.0 Tuffs, many calcite seams (1/8") @ 60°-70°) to core axis.
390.0 Tuffs,(diss pyrite)(383.0' to 384.0'- more basic tuffs)
393.0 Lost core
403.0 Tuffs, Massive
404.0 Lost core.

(End of page 1-)

KEITH DEAN CLAIMS.

Diamond Drill Log- D.D.H. 2 - Page 2
404.0' to 590.0'

Feet.		Description
$)$		
404.0 -	415.0	- Tuffs, Massive.
	418.0	- Tuffs, " , some diss. pyrite.
	418.5	- Lost core.
	420.0	- Tuffs " " " "
	515.0	- Tuffs, Massive, some diss pyrite, rude stratification at 452'- 45° to C.A.
	517.0	- Lost core
	518.0	- Tuffs.
	519.0	- Lost core
	520.0	- Tuffs, several 1/8" seams vuggy calcite @ 10° to C.A.
	527.5	- Tuffs
	528.0	- Lost core
	528.2	- Tuffs.
	528.7	- Lost core
	548.0	- Tuffs
	549.9	- Tuffs - silicified, showing narrow seams of epidote, with crystalline pyrite @ 20° to C.A.
	553.0	- Tuffs
	558.0	- Tuffs, slightly silicified, and narrow quartz seams and a little pyrite
	590.0	- Tuffs, Massive.
		End of Log.
590.0 -	605.0	- Core missing

Lost Core - 7.0%

SUMMARY.

The length logged - 270.0' to 590.0' is essentially and acid volcanic fragmental - tuffs - with light coloured fragments up to 1/8", in a grey-green groundmass, with some development of chlorite and carbonated in places. At 548.0' there is 1.5' of silicified zone with epidote and pyrite, cutting the core at 20°, showing an apparent dip of 70°.

NOTE Previous loggihg of core, to 270 feet, in September 1961, by D.W. Tully, described rock as a porphyritic andesite from 130.0 to 270.0'. I believe that this is the same rock type as the rock described above as a massive tuff. DCM)

D.C.McKechnie

D.C.McKechnie P. Eng.
185 McNaughton St.
Sudbury, Ontario.

Sudbury, Ontario
October 11th. 1961

T44263

KEITH DEAN CLAIMS.
Catherine Township
Temiskaming Mining Division

DIAMOND DRILL LOG - D.D.H. No. 2

Hole No. 2. Location- Claim T-44263.
- N.E. 1/4, N 1/2, Lot 8 Con V.

Direction - Vertical (at collar.)
89° @ 360', 87° @ 750'
Depth. - 760.8'
Date started - Aug. 25th. 1962
finished - Sept 30th 1962.

0.0 - 50.0 - Casing (Overburden)
- 85.6 - Diorite.
-270.0 - Porphyritic andesite.

Logged by D.W. Tully as logged by D.W.Tully.in 1960 I rather regard this as an andesitic voloanic fragmental (Tuff)

****

270.0- 590.0 - Tuffs. (Andesitic)
@ 548.0'- 1.5 Ft. silicified, with epidote and pyrite cutting core @ 20°

590.0- 622.5 - Tuffs (Andesitic.)
590 -597 - seams with diss. pyrite and epidote @ 60-70°
598 -599 - some epidote, minor pyrite.
599 -609 - many seams with epidote @ 60-70°
609 -622 - Massive more reddish, with seams 45-80°

@ 622.5 - Intrusive Contact.

622.5- 718.0 - Diorite, fine to medium grained, slightly altered m in places with diss epidote.

622.5- 622.7- chilled contact,(fine grained)
622.7- 629.0- F.G. becoming coarser, minor diss pyrite.
629.0- 712.0- Diorite medium grained
712.0- 717.8- " fine grained.
717.8- 718.0- " chilled contact @ 45°

718.0-760.8 - Tuffs, syenitic-(reddish) with red feldspar.

718.0- 735.0- Syenitic tuffs. considerable crystalline epidote, and some diss. pyrite

735.0- 760.8- Tuffs, becoming darker, some epidote seams @ 30°

END OF HOLE.

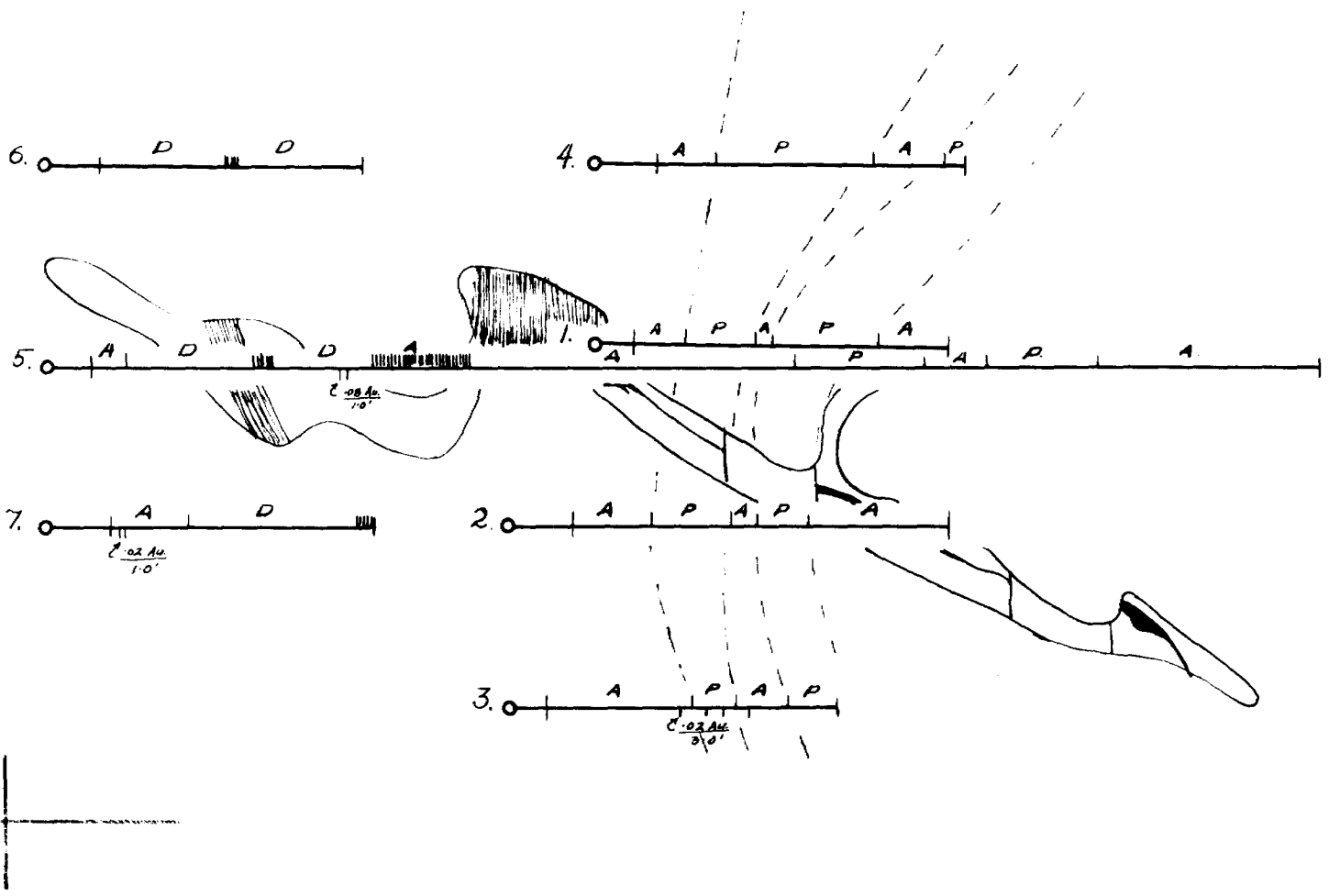
270.0-590.0' Logged by D.C.McKechnie Oct. 1961
590.0-760.8 " " " Nov. 1962

D.C. McKechnie

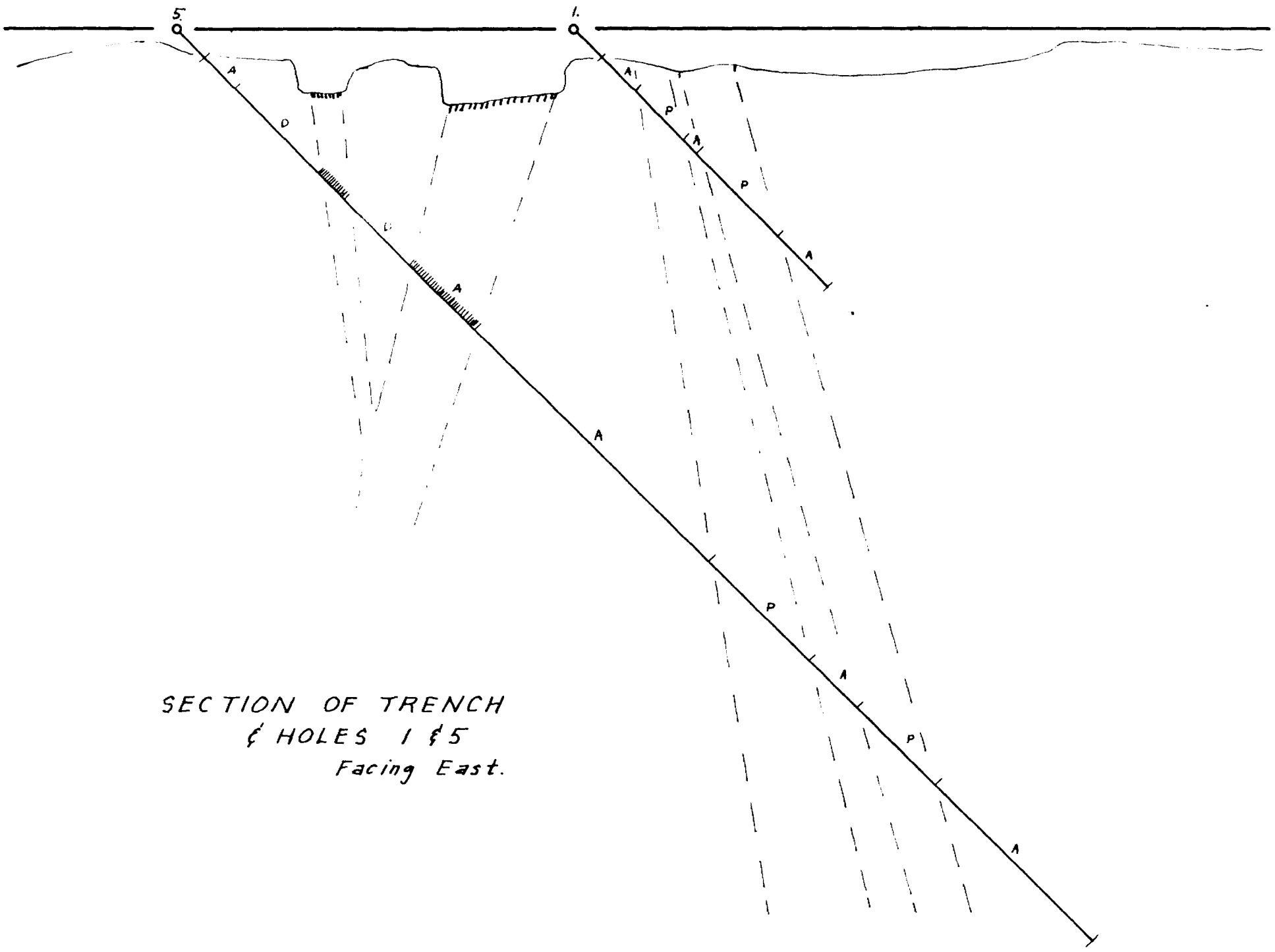
D.C. McKechnie P. Eng.
185 McNaughton St.
Sudbury, Ontario.

Nov 15th/62.

Note - Drill log to cover assessment work to be recorded on claims T-44358, 44359 and 44362, for a total of 130 feet, from 590.0 feet to 720.0'



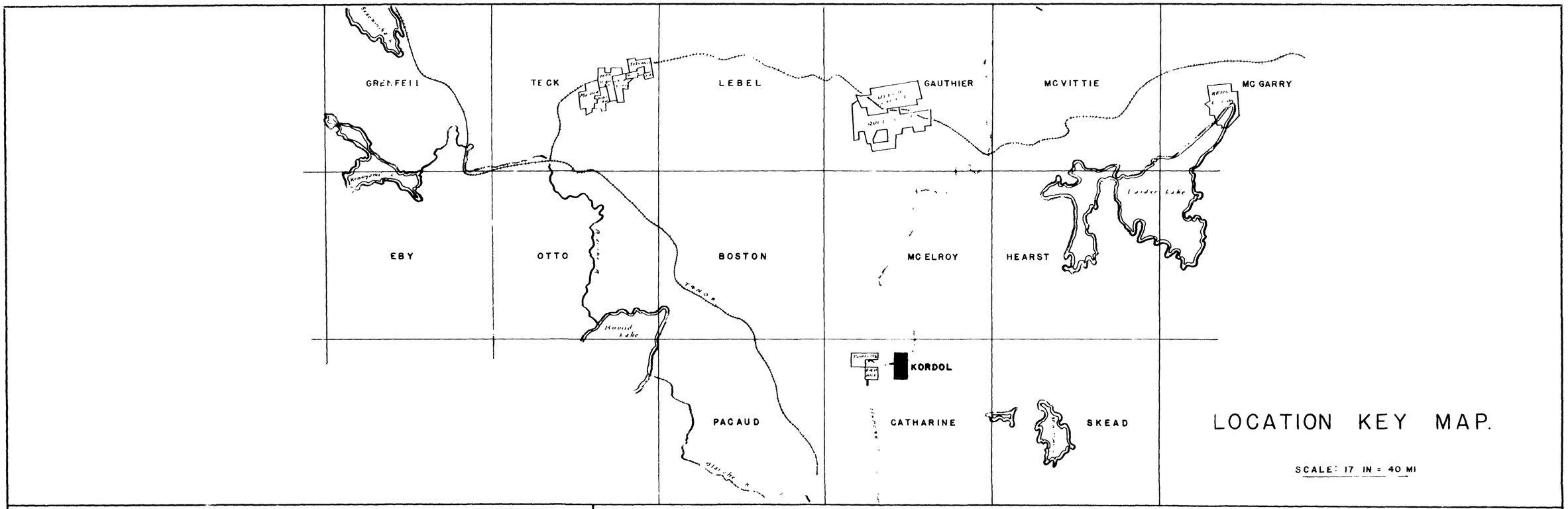
PLAN OF TRENCH
& DRILL HOLES



SECTION OF TRENCH
& HOLES 1 & 5
Facing East.

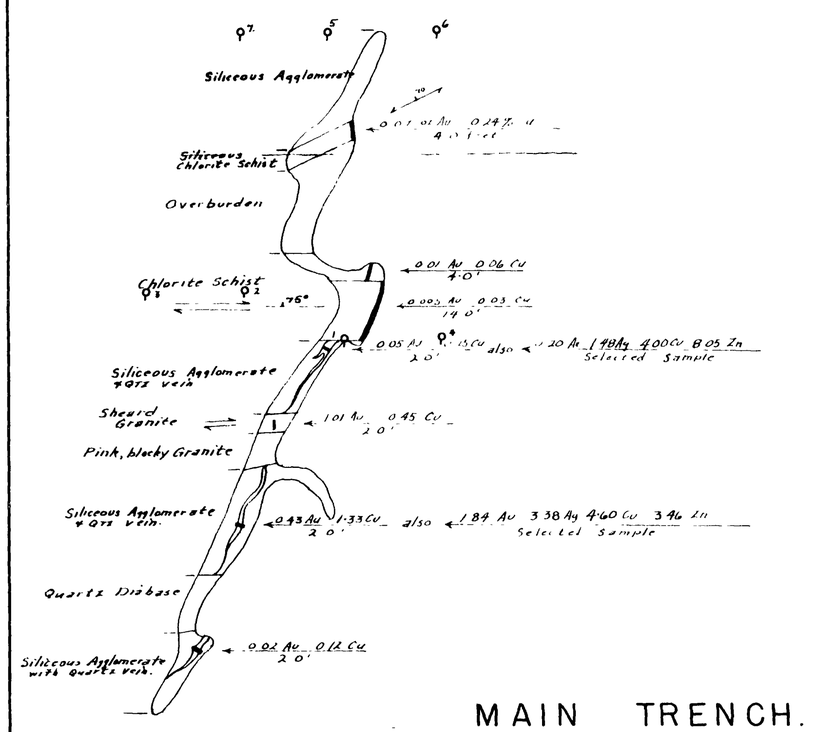
NOTE: All holes were near main trench in Claim No T-44264

KORDOL EXPLORATIONS LIMITED
BOSTON CREEK PROPERTY
PLAN & SECTION OF DRILLING
Scale: 1in. = 20ft. June, 1960
by Michael Ogden.



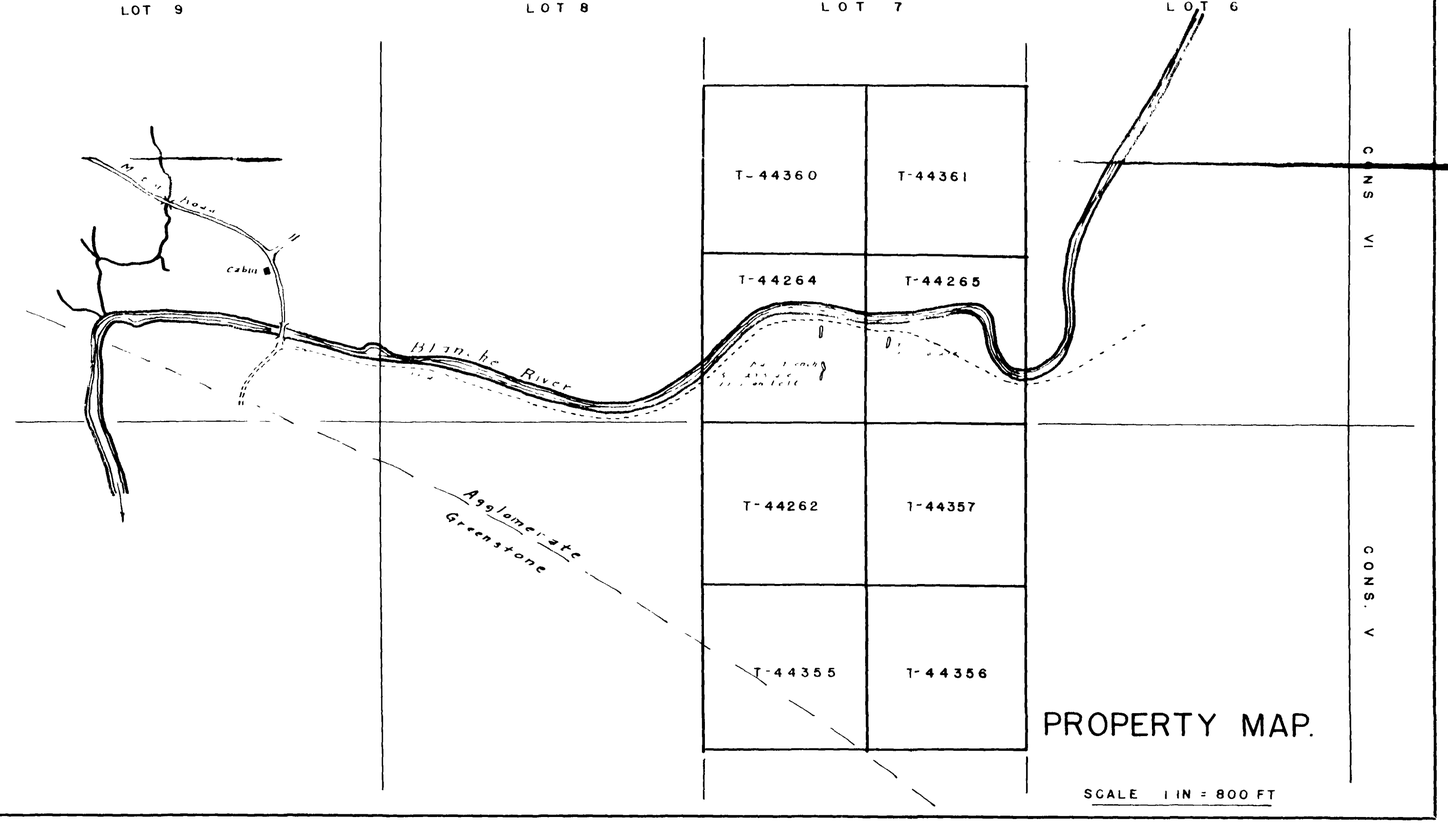
LOCATION KEY MAP.

SCALE: 17 IN = 40 MI



MAIN TRENCH.

SCALE: 1 IN = 20 FT



PROPERTY MAP.

SCALE 1 IN = 800 FT

NOTE TRUE NORTH IS AT THE TOP OF EACH PLAN.

o- DRILL HOLE

REVISED. June 10, 1960-Ogden

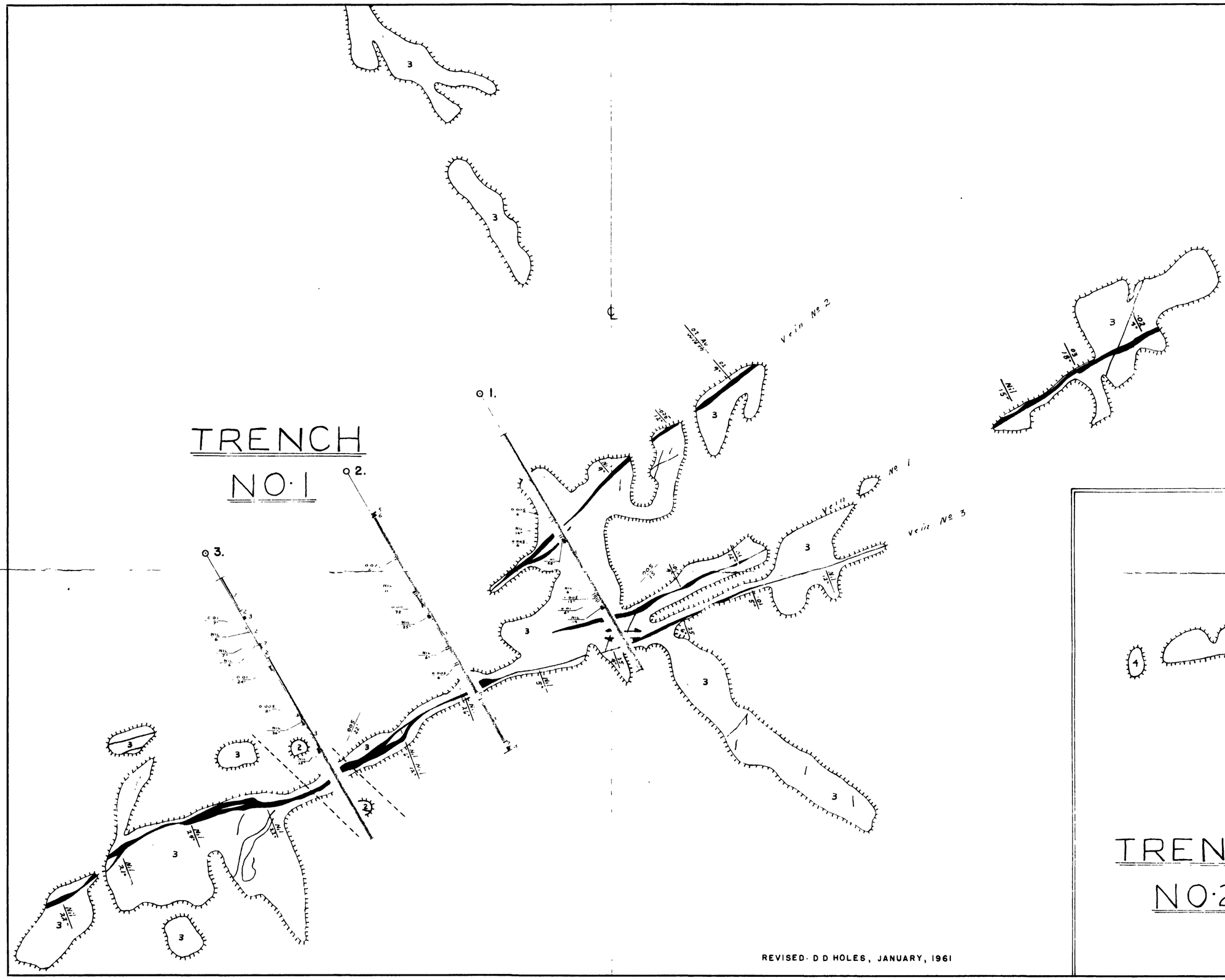
HALET BROADHURST AND OGDEN
FOR
KORDOL EXPLORATIONS LIMITED

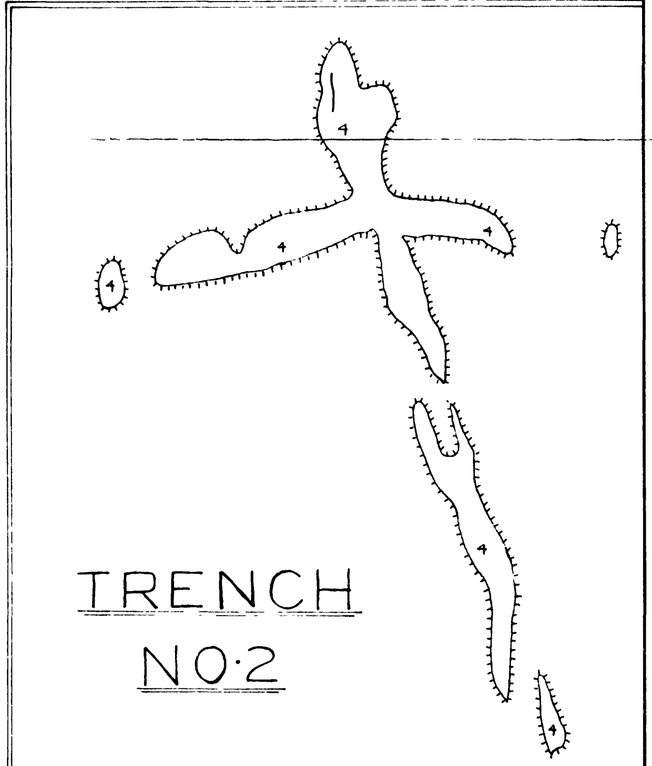
BOSTON CREEK PROPERTY.

SCALE AS SHOWN DATE OCT 16, 1959
DRAWN BY MICHAEL OGDEN APPROVED

200

(24½) 3.9 ft





LEGEND

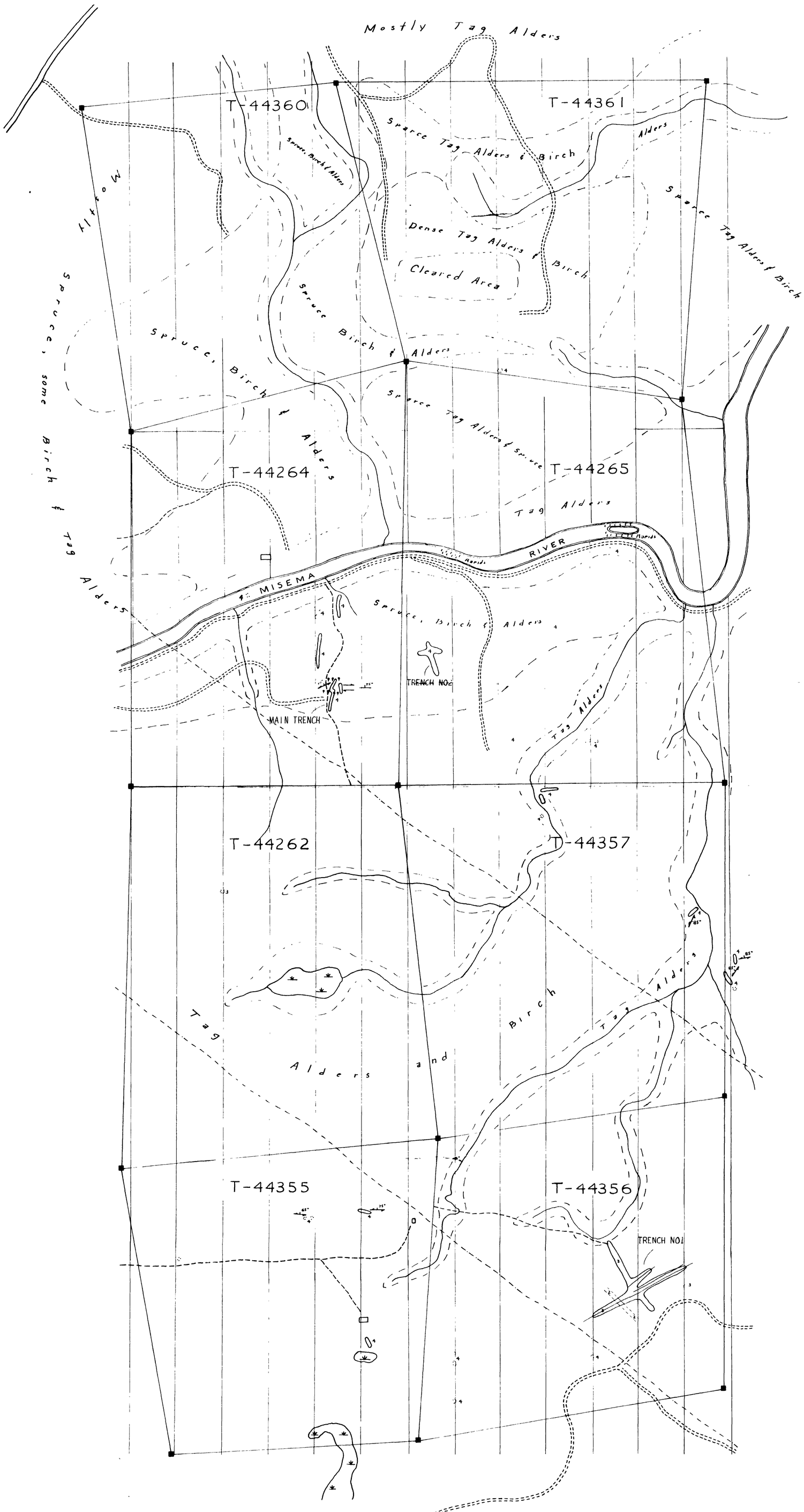
- FELDSPAR PORPHYRY
- QUARTZ DIORITE
- DIORITE
- QUARTZ VEIN
- SYENITE
- AGGLOMERATE
- SILICEOUS AGGLOMERATE
- CONTACT ASSUMED
- SHEAR ZONE

HALET BROADHURST AND OGDEN
FOR
KORDOL EXPLORATIONS LIMITED
PLAN OF TRENCHES
BOSTON CREEK PROPERTY
& DIAMOND DRILLING PROG.NO. 2

SCALE 1 IN = 20 FT DATE SEPTEMBER 25, 1960
DRAWN BY WALLACE L MURRAY APPROVED

210

(2 x 1½) 3 sq feet

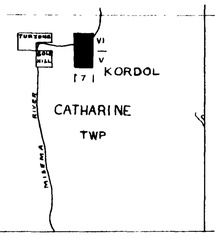


LEGEND

- QUARTZ VEIN
- 2 SYENITE
- 3 AGGLOMERATE
- 4 SILICEOUS AGGLOMERATE

- OUTCROP BOUNDARY
- CONTACT ASSUMED
- TRENCH
- DRILL HOLE
- SCHISTOSITY
- CLAIM POST
- PIQUET & TRAVERSE LINES
- SWAMP
- INTERMITTENT STREAMS
- BUILDING
- ROAD
- BUSH ROAD
- BUSH TRAIL

LOCATION MAP



SCALE- 17 IN = 40 MI

HALET BROADHURST AND OGDEN
FOR
KORDOL EXPLORATIONS LIMITED.
— GEOLOGY —
BOSTON CREEK PROPERTY

SCALE: 1 IN = 200 FT DATE: SEPTEMBER 30, 1960
DRAWN BY WALLACE L MURRAY APPROVED: Halet Ogden

32D04SW0291 10 CATHARINE