



42B01SE0069 17 HORWOOD

010



Diamond Drilling

Township of Horwood

Report N^o: 17

Work performed by: Kerr-Addison Gold Mines Ltd.

Claim N ^o	Hole N ^o	Footage	Date	Note
S 100107	1	526'	Jan/60	
	2	335'	Jan/60	
	3	399'	Jan/60	
	4	398'	Jan/60	
	5	344'	Feb/60	
	6	338'	Feb/60	
S 100106	7	347'	Feb/60	
S 100108	8	686'	Feb/60	
S 81342	S-1	209.5'	Feb/60	
	S-2	226'	Feb/60	
	S-3	329'	Feb/60	

Notes:



42B01SE0069 17 HORWOOD

020

REPORT ON
DIAMOND DRILL PROGRAMME
AND
MAGNETOMETER SURVEY
ON THE
LEFEVER OPTION
HORWOOD LAKE AREA, ONTARIO
BY
F. P. TAGLIAMONTE, P. ENG.

APRIL 14TH, 1960

VIRGINIATOWN, ONTARIO



42B01SE0069 17 HORWOOD

Howood Sup.
5-6-180 (1)

020C

TABLE OF CONTENTS

SUMMARY AND CONCLUSIONS

THE PROPERTY, LOCATION, ACCESS AND GENERAL GEOLOGY

PREVIOUS WORK

DIAMOND DRILLING

GEOPHYSICS

MAPS

LOGS OF DIAMOND DRILL HOLES 1 TO 8

AND S-1, S-2, and S-3

SUMMARY AND CONCLUSIONS

A total of 4137 feet of diamond drilling was completed on the Lefever option between January 12th and March 4th, 1960.

Seven holes comprising 3,026 feet probed a 500 foot strike interval along the main showing area. This drilling encountered numerous narrow mineralized quartz-carbonate stringers and veins, some of which yielded values in gold and silver. A possible small narrow 'ore' shoot was indicated over a strike interval of 250 feet but did not appear to continue in depth.

One hole (347 feet) was drilled to check a magnetic anomaly west of the main showing and encountered magnetically sensitive sheared chloritic diorite.

Three holes comprising 764 feet probed a 200 foot interval on the west end of the Stack vein. Very narrow stringers were intersected and only vague indications of the vein structures observed at surface.

The main showing area drilling confirmed the presence of high gold silver values encountered in surface sampling. Values were over narrow widths and of limited lateral and vertical extent however. Drilling completed to date suggests that commercial grade ore shoots are unlikely to be encountered since the vein and stringer systems were found to be narrow, discontinuous, and of doubtful depth continuity. Further work is consequently not recommended.

THE PROPERTY, LOCATION, ACCESS AND GENERAL GEOLOGY

The Lefever option comprises one four claim group and one separate claim (Stack claim, No. 81342) as shown on map No. 1. These claims are surrounded by the Horwood Lake group (Kerr-Addison ownership) containing one independently held claim immediately east of the Stack claim.

All the claims are in Horwood Township, Horwood Lake Area, Sudbury Mining Division, Ontario. See map No. 1.

The main line of the C.N.R. from Sudbury passes within 8 miles of the claims at Barite siding or Horwood siding as it is now called. A motor link from Horwood siding connects with the Timmins-Foley highway providing access by road to within approximately 8 miles of the property. The property may also be reached by air from bases in South Porcupine or Sudbury and by water craft from any point on Horwood Lake.

Map No. 46 A by Harding¹ reveals the claim group to overlie Keewatin basic volcanics intruded by diorite sills or dykes, Algonian granites and related rocks, and olivine diabase dykes.

PREVIOUS WORK

The main showing is located on the north edge of the small island between claim 100108 and 100107. It is exposed only during low water periods when the level of Horwood Lake drops by about 15 feet. The showings comprise a series of short parallel generally east-west to north-east striking vertically dipping quartz-carbonate veins from 4 inches to 18 inches in

¹ W. D. Harding, "Horwood Lake Area", Ontario Dept. Mines, Vol. XLVI, 1937.

PREVIOUS WORK (Cont'd)

width occurring in both volcanics and diorite. These veins are mineralized with disseminated and massive patches of pyrrhotite, chalcopyrite, and pyrite. They were sketch mapped by the writer in the spring of 1958 during which time 6 samples were taken which returned values up to 5.45 oz. gold. The showings and surrounding area was visited in June of the same year by C. K. Wilton, in company with the late J. W. Baker.

Mr. J. Lefever drilled 3 x-ray holes (2 after the above visits) to check the strike continuity of the veins. A strike interval of approximately 165 feet was thus indicated.

Mr. H. J. Logan mapped and sampled the showings in October 1947. Values up to \$165.90 gold per ton were obtained.

The Stack vein (Claim No. 81342) received intermittent attention through the years details of which are not known to the writer. Considerable blasting has been done along a diorite outcrop cut by the Stack vein.

The Stack vein was examined by the writer in October 1959. It is exposed over an observed interval of approximately 150 feet striking generally N57°W with dips recorded up to 84° south. Width of the vein zone varies from 4 inches to 36 inches at the exposed west end. Mineralogy is similar to the main showing and chip channels yield values up to .30 oz. gold. Selected grab samples returned values up to 1.33 oz. gold.

DIAMOND DRILLING

A diamond drill programme was initially laid out to probe the strike continuity of veins and veinlets in the main showing area at 100 foot intervals at the 150 foot + vertical horizon. The Stack vein programme entailed drill checking the vein structure westward at 100 foot intervals at the 100 foot + horizon.

The initial drilling coupled with magnetometer surveying suggested 2 additional holes; one (D.D.H. #7) was designed to check a magnetic anomaly; the other (D.D.H. #8) to check the depth continuity of a 'vein' structure indicated from results of the initial drilling at the 400 foot + horizon.

The entire drilling programme is summarized as follows:

<u>DRILLING AREA</u>	<u>CLAIM NO.</u>	<u>STRIKE LENGTH INVESTIGATED</u>	<u>NUMBER OF HOLES & HOLE NUMBERS</u>	<u>MAP REFERENCE</u>	<u>TOTAL FOOTAGE</u>
Main Showing	100108 100107	500'	7 (#1, #2, #3, #4, #5, #6, #8)	Map #2 & Individual D.D.H. Sections	3026'
Lake Anomaly (immediately west of main showing)	100108 100107	-	1 (#7)	As above	347'
Stack Vein	81342	200'	3 (#S-1, #S-2, #S-3)	Map #3 & Individual D.D.H. Sections	764'

1137'

DIAMOND DRILLING (Cont'd)

Diamond drilling operations began on January 12th and were terminated on March 4th, 1960 after completing 4137 feet as indicated above. Mr. A. Wilson of Noranda, Quebec, contracted the diamond drilling.

Data obtained from drill core and samples revealed information tabulated below.

<u>AREA DRILLED</u>	<u>GEOLOGICAL STRUCTURES ENCOUNTERED</u>	<u>VALUES OBTAINED</u>	<u>REMARKS</u>
Main showing	1) Series of narrow discontinuous quartz-carbonate stringers with disseminated sulphides.	1) Very low or no values.	No economic significance.
	2) A 'main vein' structure 250' + in length, 150' in depth, and varying between 4" and 20.4" in width.	2) Gold values ranging from .43 oz.-3.46 oz.	A possible small 'ore' shoot is indicated.
	3) Contact between intermediate volcanics and diorite encountered. Narrow veins as in (1). Possible barren depth projection of (2) at 400'±.	3) 1.12 oz. gold in narrow (2.4") stringer.	1) Stringer producing values not encountered in any of the previous drilling. 2) Depth projection of possible 'ore' shoot non-existent.
	4) Isolated narrow quartz-carbonate vein intersection on strike with (2).	2.07 oz. gold over 4.8"	May be the discontinuous strike projection of the 'main' vein.
Lake Anomaly	Sheared chloritic diorite containing microscopic (accessory) magnetite. A 95° magnetically sensitive zone intersected.	None	(Accessory) Magnetite responsible for the mag. anomaly.
Stack Vein	Series of very narrow discontinuous quartz-carbonate stringers with disseminated sulphides.	Nil to .67 oz. gold.	Vague or no indication of 'vein' structure observed at surface.

GEOPHYSICS

A magnetometer survey using the Sharpe A-3 magnetometer was completed on the lake portion of a strip of territory easterly and westerly along the diamond drill base line as shown on map No. 4.

Initial readings were taken in the showing area where anomalous readings producing a relief in the 400 gamma range were obtained over known vein sulphide occurrences. Similar anomalous readings were obtained westward - one south of the base line, and one north of it. The south anomaly was

GROPHYSICS (Cont'd)

checked by D.D.H. #7. Accessory magnetite in sheared chloritic diorite appears to explain the magnetic anomaly. A similar condition is presumed to account for the same type anomaly north of the base line.

The large magnetic anomaly in the northwest corner of the map sheet produces the magnetic configuration typical over basic rock masses. This anomaly probably overlies basic type rocks.

Electromagnetic checking of the main showing area with the Doolimeter resulted in negative response.

MAPS

Map No. 1 Claim group and Index map

Map No. 2 Plan, Main Showing: Diamond drill holes, vein and stringer projections, samples and assays.

Map 2A: Standard legend and symbols.

Geological sections: D.D.H. #1, D.D.H. #2, D.D.H. #3 & #8,
D.D.H. #4, D.D.H. #5, D.D.H. #6,
D.D.H. #7.

Map No. 3 Plan, Stack Vein: Diamond drill holes, vein and stringer projections, samples and assays.

Geological sections: D.D.H. #S-1, D.D.H. #S-2, D.D.H. #S-3.

Map No. 4 Magnetometer Survey Plan

FPT/lh

Signed *F. P. Tagliamonte*
F. P. Tagliamonte,
P. Eng.



KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 1

DATE STARTED 20th January, 1960
DATE COMPLETED 24th January, 1960
DEPTH 526'
CORE SIZE AXT
DIP -50°
DIP TESTS 200', 400'

BEARING S150E
CO-ORDINATES 19,700 E., 35,400 N.
LOGGED BY F. P. Tagliamonte, P. Eng.

FROM	FOOTAGE TO	DESCRIPTION	NO.	FROM	TO	CORE SAMPLE		SLUDGES	
						AU	AG	AU	AG
0	35	CASING							
35	163	DIORITE, fine grained. Threads, and narrow seams of quartz-carbonate at all angles to the core.							
	36.2'	7" brecciated white quartz stringer @ 43° to core.							
	39.1	1" brecciated white quartz carbonate stringer @ 40°							
	39.1 - 40	Slips @ 40°							
	43.3	Slip and 1/4" quartz-carbonate stringer @ 40°							
	52.2	3" quartz-carbonate stringer @ 60° with a 1/2" core of chalcopyrite pyrrhotite mineralization.							
	55.8	Slip @ 45°	13001	51.2-52.2			Tr.		
	59.5	Slip @ 35°	13002	52.2-52.5			0.04	.31	
	60	Slip @ 90° + 55°	13003	52.5-53.5			Tr.		
	60.5	Slips @ 60°							
	63	Slips @ 40°							
	63.5	1" quartz-carbonate stringer with little pyrite at 40°							
	65	Slip @ 20°							

D.D.H. No. 1 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
		68 Slip @ 15°							
		71 Slips @ 35°							
		97.7 3" Barren white quartz stringer							
		96-114 - Altered diorite - predominantly aphanitic, specks of leucoxene?							
		109.2 1" quartz stringer with pyrite @ 45°							
		120 Slip @ 40°	13004	121.4-122.4		Tr.			
		122.4 7" mineralized zone - pyrrhotite in quartz stringers, very little pyrite	13005	122.4-123		0.07	Tr.		
			13006	123 - 124		Tr.			
		131 Slip @ 25°							
		132.5 Slip @ 35°							
		136 Slip @ 40°							
		139.5 Slip @ 45°							
		142 Slip @ 50°							
		155 Slip @ 45°							
163	167.1	DYKE, grey, aphanitic, hard, contains a granite porphyry stringer with minor pyrite, pyrrhotite & chalcopyrite @ 47° to core.							
167.1	318.5	DIORITE, fine grained, cut by quartz carbonate seams and stringers.							
		167 - 170 Broken Core							
		176 Slip @ 22°							
		180 Slip @ 25°							
		184 Slip @ 25°							
		187 Slip @ 25°							
		192.5 Slip @ 25°							
		204 Slip @ 25°							
		207 - 213 Slip and ½-1" quartz carbonate stringer parallel to core			210 - 220				0.05
		215 - 217.2 Vein zone - pyrrhotite and chalcopyrite in grey quartz and diorite.							

D.D.H. No. 1 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)	13007	214	215	Tr.			
		216 - 217.2 Mainly quartz & sulphides.	13008	215	216	Tr.			
		Bottom contact 35°, top	13009	216	217.2	0.16			
		contact 60°.	13010	217.2	218.2	Tr.			
		221 Slip @ 32°							
		222.5 8" quartz rich section - barren							
		226.3 4" grey quartz stringer with pyrrhotite	13011	225.3	226.3	0.01			
		and occasional speck of chalcopyrite	13012	226.3	226.6	3.46	.70		
		(40° to core). Mineralization appears	13013	226.6	227.6	0.02			
		on one side of core only.							
		232 1' quartz stringer zone @ 25° - barren		220	230				0.44
		269.5 5" white quartz stringer @ 20° - barren		230	240				0.01
		280 - 282 ½" quartz-carbonate stringer		240	250				0.01
		parallel to core.							
		291 Slips @ 15°							
		300 - 325 badly broken core	13014	311.2	312.2	Tr.			
		312.2 2½" stringer with pyrrhotite and	13015	312.2	312.4	0.02	Tr.		
		chalcopyrite @ 40°	13016	312.4	313.4	Tr.			
318.5	321	DYKE, as above.							
321	347	DIORITE, as above.							
		325 - 329 broken core							
		333.5 stringer @ 57°							
		336.5 Slip @ 47°							
		339 Slip @ 22°							
		334.5 Slip @ 40°							
347	349	DYKE, as above, contact @ 27°.							
349	413.5	DIORITE, as above.							
		352 Slip @ 44°							
		366 - 375 numerous quartz-carbonate stringers.							
		369 Stringer @ 22°							
		373 Slip @ 40°							
		373.4 1" sulphide vein	13020			0.14	Tr.		

D.D.H. No. 1 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
		378 Slip @ 50°							
		395 - 399 numerous irregular quartz-carbonate stringers.							
		399 2" width pyrrhotite mineralization with speck chalcopyrite in diorite and white quartz.	13017	397.5-398.5		Tr.			
			13018	398.5-399		0.01	Tr.		
			13019	399 - 400		Tr.			
		399 Slips @ 50°							
		404 Slip @ 35°							
		407 1" quartz-carbonate stringers with specks pyrrhotite and chalcopyrite parallel to core.							
		412 Slip @ 60°							
413.5	418.5	DYKE, as above, contact @ 65° - 70°							
		421 Slip @ 50°							
418.5	526	DIORITE, as above.							
		426.6 Slip @ 45°							
		431.3 Slip @ 45°							
		434 Slip @ 40°							
		448.5 Slip @ 30°							
		451 2" white quartz stringer @ 50°							
		465.5 pyrite mineralization in quartz-carbonate veinlet.							
		468 Slips @ 30°							
		472 Slip @ 40°							
		475.0 Slip @ 30°							
		484.8 1" vein - pyrite and chalcopyrite vein @ 50° to core.							
		485 Slips @ 40° (intersecting)							
		487 Slip @ 50°							
		497.5 Slip @ 32°							
		502 Slip @ 50°							
		503.2 Slip @ 30°							

D.D.H. No. 1 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
516.5		1" quartz-carbonate feldspar stringer @ 45°.							
522		Slip @ 35°							
526		Slip @ 35°							
		Feldspar appear in stringers and veinlets from 500 - 526.							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option

LOCATION - Horwood Township, Ontario.

DATE STARTED 25th January, 1960
DATE COMPLETED 27th January, 1960
DEPTH 335'
CORE SIZE AXT
DIP -50°
DIP TESTS 200', 330'

D.D.H. No. 2

BEARING S15°E
CO-ORDINATES 35,400 N., 19,600 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	42	CASING							
42	65.5	DIORITE, fine grained, threads and narrow seams of quartz carbonate at all angles to the core. Numerous slips.							
	49.5	Slips @ 25° and 40°		30	40			0.02	
	48.8	Slip @ 55°							
	54.8	Slips @ 40° and 90° + 55°		50	60			0.02	
	54.8	1/8" - 1/4" seam sulphides (pyrite, chalcopyrite)							
	57.1-58.1 (1')	(Series of quartz	13021					Tr.	
	58.1-58.9 (8')	Vein zone (carbonate veinlets	13022					Tr.	
	58.9-59.9 (1')	(@ 55°. Occasional (speck of pyrite, pyrrhotite, chalcopyrite.	13023					Tr.	
	61.5	Slip @ 45°							
	64.2	4" quartz-carbonate vein zone (barren)							
	66.5	Slips @ 40° and 90° + 35°							
	68.5	Slip @ 45°							
	70.5	Dip and veinlet @ 40°							
65.5	75.5	DIORITE, altered, crystalline structure absent. Slightly sheared, somewhat harder.							
	72.3	6" grey-black silicified dyke.							

D.C.H. No. 2 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
65.5	75.5	DIORITE, altered. 74 6" hard grey black silicified dyke @ 55°							
75.5	115.5	DIORITE 79 4" grey-black silicified dyke. 82.5 Slips @ 50° 83.5 Stringers @ 25° 86.5 Slips @ 50° and 90° + 25° 90.6-91.6 91.6-91.9 .3' vein @ 30 pyrrhotite, pyrite 91.9-92.9 & chalcopyrite mineralisation in grey quartz-carbonate stringer. 96.2 3' quartz-carbonate stringer zone. 102.5 Slip @ 46° 109.0 Slip @ 36° 110.5 Slip @ 50° 113 Slips @ 60° and (90° + 45°)			80 - 90			0.02	
			13024				Tr.		
			13025				Tr.		
			13026				Tr.		
115.5	119.5	DIORITE, altered, yellow-grey slightly sheared dioritic rock. 118 Slips @ 45°							
119.5	194	DIORITE 120 Slip @ 50° 123.5 Slip @ 50° 127.7 2' zone with 1/8 - 1/4" grey quartz- carbonate vein with sulphides. 131.5 Slip @ 35° 133.8 2' zone with 1/8" grey quartz- carbonate vein with sulphides @ 35°. 137 Slip @ 40° 141.3 1' white quartz carbonate vein with occasional bleb of sulphides. 145.5 Slip @ 55° 147 Slip @ 20°							

D.D.H. No. 2 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
		152.5 Slip @ 46°							
		159.5 Slip @ 50°							
		159.5 - 164 numerous quartz carbonate feather veins @ 65°.							
		178 Slip @ 30° and (90° + 40°)							
		182 Slip @ 40° and (90° + 40°)							
		183.5 - 185 quartz-carbonate zone parallel to core.							
		193 Slips @ 30° and (90° + 25°)							
194	212	DIORITE, altered, as above, sheared @ 45°.							
		201.2 <3/8" minor sulphides, quartz- carbonate seam.	13055					Tr.	
		202.5 - 203.5 minor sulphides, quartz- carbonate veinlets, fine disseminated pyrite.	13056					Tr.	
212	264	DIORITE							
		213 - 215 1/4" quartz-carbonate veinlet parallel to core.							
		215 - 225 Broken core.							
		228 Slips @ 50°							
		235.5 Slip @ 25°							
		236.5 Slip @ 40°							
		241 Slip @ 25°							
		256 Slip @ 36°							
264	283	DIORITE, altered, @ 65°, soft, slightly sheared, grey.							
		270 white quartz vein @ 10°							
		274 Slips @ 45°							
		275.5 Slip @ 50°							
		277.2-278.2 Massive blebs of chalcopyrite, @ 54°	13027					Tr.	
		278.2-278.6 with minor pyrrhotite, dirty grey	13028					Tr.	
		278.6-279.6 black cherty quartz	13029					Tr.	

D.D.H. No. 2 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE, altered (Cont'd)							
		283 ill defined contact - transitional							
283	316.5	DIORITE							
		289 Slip @ 50°							
		295.55-295.7 massive seams of pyrrhotite with speck of chalcopyrite @ 53°.	13030					Tr.	
		297 Slip @ 45°							
		299.6-300.2 seam of massive pyrrhotite 1/8" in width @ 15°.	13031					Tr.	
316.5	323	DIORITE, altered, soft, numerous quartz-carbonate stringers at all angles to core at 40°.							
		323 indefinite contacts.							
323	335	DIORITE							
		329 Slip @ 35°							
END OF HOLE									

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 3

DATE STARTED 27th January, 1960
DATE COMPLETED 29th January, 1960
DEPTH 399'
CORE SIZE AXT
DIP -50°
DIP TESTS 150', 300'

BEARING S15°E
CO-ORDINATES 35,400 N., 19,800 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	45	CASING							
45	106.5	DIORITE, as in holes 1 & 2 48 Slip @ 30° 50-57 quartz-carbonate feather veins @ 50° 64 Slip @ 46° 71 Slips @ 40° 81 Slip @ 45° 86-86.8 specks of sulphides in quartz- carbonate stringer zone. 91 thin seam of sulphides in quartz- carbonate stringer @ 45°. 98 Slip @ 25° 101.5 Slip @ 35°							
106.5	110	DIORITE, medium grained, diabasic orientation of feldspar laths. 108.7 1' quartz-carbonate stringer @ 35°.							
110	123	DIORITE, as before. 110 Slip @ 25° 121 Slip @ 40°							

D.D.H. No. 3

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
123	129	DIORITE, altered, dark grey black, massive, sheared at right angles to core. 125 - 129 @ 75°							
129	241.5	DIORITE, as before. 136 Slip @ 50° 146 Slip @ 45° 150 $\frac{1}{4}$ " quartz-carbonate stringer at right angles. 151 Slip @ 40° 162 Slip @ 60° 168 - 170 Series of Slips @ 45° 177 Slips @ 35° 189 White quartz-carbonate vein 1" @ 16°. 192.5 Slip @ 20° 198.5 Slips @ 35° 207 Slips @ 50° 211 Slips and $\frac{1}{4}$ " grey quartz-carbonate veinlet with fine disseminated sulphides. 13057 212 Slip and $\frac{1}{2}$ " grey quartz-carbonate veinlet with fine disseminated sulphides, pyrrhotite, pyrite, chalcopyrite. 13058 220 2" white quartz and orthoclase veins with occasional bleb of pyrite @ 35° 13059 221 $\frac{1}{8}$ " seam of grey quartz-carbonate thread vein at right angles with disseminated sulphides. 13060 225.8-226.8 Grey black quartz-carbonate vein 13032 226.8-228.5 with patches of massive chalcopyrite & 13033-2' 228.5-229.5 pyrite & pyrrhotite @ 45° well defined slip contacts. 13034							
		232 Slips @ 25° and 35°		220 - 230					0.45
		233 1" seam of grey quartz-carbonate with sulphides mainly pyrrhotite @ 55°.		230 - 240					0.02
		236.5 Slip @ 20°							

D.D.H. No. 3

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
241.5	243	DYKE, black siliceous massive with occasional thread of quartz-carbonate.							
243	275	DIORITE 263 1/8" seam of massive pyrrhotite @ 35° 271 Slip @ 22°							
275	280	DIORITE, medium coarse grained Slips @ 40°							
280	282.5	DIORITE, as above.							
282.5	287	DYKE, porphyritic, grey, silicified @ 60° white phenocrysts.							
287	294.8	DIORITE, as above.							
294.8	296	DYKE, as above, porphyritic @ 20°							
296	399	DIORITE, as above. 294 1/4" seam of quartz-carbonate with sulphides @ 60°. 297 Slip @ 35° 303 6" quartz-carbonate vein (barren) @ 40°. 316 Slip @ 23° 324 Slip @ 25° 326 Slips @ 20° 332 Slips @ 35° 342 Slip @ 32° 346.5 Slip @ 50° 350 Slip @ 25° 356 Slip @ 50° 368.5 1/2" buff-white quartz-carbonate stringer with speck of sulphides (pyrrhotite) @ 15° (faulted). 371 Slips @ 55° & 60°							

D.D.H. No. 3

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
	375	Slip @ 54°							
	379.5	Slip @ 65°							
	384.5	Slight shearing @ 51°							
	387	1/8" grey black quartz-carbonate seam with a little sulphides at right angles.							
	390	Slip @ 51°							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 4

DATE STARTED 31st January, 1960.
DATE COMPLETED 1st February, 1960.
DEPTH 398'
CORE SIZE AXT
DIP -50°
DIP TESTS 150', 300'

BEARING S15°E
CO-ORDINATES 35,400 N., 19,500 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

FROM	FOOTAGE TO	DESCRIPTION	NO.	FROM	TO	CORE SAMPLE		SLUDGES	
						AU	AG	AU	AG
0	67	CASING							
67	78	DIORITE, as in holes 1, 2 & 3. 73.0 - 73.3 quartz-carbonate vein with pyrrhotite and pyrite. <5% sulphides, vein @ 55°.	13035			.08	.10		
78	96	DIORITE, altered, very fine grained, slightly sheared, numerous quartz-carbonate feather veins. 79.5 - 92.5 quartz-carbonate feather veins and shearing @ 55°. (Indefinite contact)							
96	197	DIORITE, as above. 99.5 Slip @ 55° 106 Slip @ 20° 110.5 Slip @ 40° 111.5 Weak, shearing @ 45° 132 - 146 Broken core. 146 1-3/4" barren white quartz-carbonate stringer @ 55°. 149.5 1" white quartz-carbonate stringer with rare bleb of pyrrhotite & chalcopyrite @ 55°.							

D.D.H. No. 4

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE, (Cont'd)							
		159.5 2" weak shear @ 40°							
		164.5 Slip @ 40°							
		167.5 4" hard aphanitic grey-black dyklet.							
		175 - 177 Broken core.							
		176.5 ½" barren quartz-carbonate stringer.							
		177.5 1" pink quartz-carbonate stringer, speck pyrrhotite.							
		179.5 Slips @ 50°							
		180.5 -181.5 hard fine grained dyke with disseminated pyrite and nodular structures at lower contact.							
		185.5 Slip @ 55°							
197	201.3	DIORITE, altered, as above.							
201.3	202.7	Barren white quartz and carbonate vein @ 55° slip contacts.	13201				Tr.		
202.7	208.5	DIORITE, altered. 209 Slip @ 30°							
208.5	221.5	DIORITE, as above. 212 Slip @ 40°							
221.5	228.5	DIORITE, altered, as above, occasional patch of pyrrhotite, and chalcopyrite along quartz-carbonate 1/32" veinlets.	13036				0.04		
		227-227.4 grey quartz-carbonate veinlet with patchwork, of pyrrhotite and	13037				2.07	0.69	
		227.4-228.4 chalcopyrite mineralization. Vein @ 65°.	13038				Tr.		
228.5	291	DIORITE, as above. 236 1" barren quartz-carbonate veinlet @ 80°.		220 - 230					0.01
		236.5 series of ¼" quartz-carbonate veinlets @ 80°.		230 - 240					0.01

D.D.H. No. 4

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
		254.3 - 255 barren white quartz-carbonate vein.							
		257 - 259 aphanitic diorite.							
		273 ¼" dark grey quartz-carbonate veinlet with seams of pyrrhotite, pyrite and mineralization of chalcopyrite @ 25°.							
		285.5 Slip @ 50°							
		286.5 Slip @ 90° + 30°							
		288 Slip @ 40°							
291	296	Altered, aphanitic diorite.							
		291.7 3" brecciated barren quartz-carbonate veinlet @ 40°.			290 - 300				0.01
296	329.5	DIORITE, as above.							
		300 - 302 altered diorite, weak shear @ 35°.							
		305 - 309 altered diorite, weak shear @ 40°, occasional quartz-carbonate veinlet with odd speck of sulphides.							
		322.2-323.2 irregular veinlets of grey quartz-carbonate with very fine pyrite and pyrrhotite mineralisation @ 43°.							
		328.3-329.5 fine grained grey black hard dyke @ 40°.							
329.5	398	CHLORITIC DIORITE, soft, badly broken sections. No quartz-carbonate veins or stringers. Weakly sheared in places. Darker green in colour.							
		345 Soft chloritic diorite. <u>Shear @ 50°.</u>							
		348 Slips @ 35°							
		352 Slip @ 50°							
		378.5 Slip @ 50°							
		385 - 398 Broken Core. Slips @ 55°.							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 5

DATE STARTED 2nd February, 1960
DATE COMPLETED 4th February, 1960
DEPTH 344'
CORE SIZE AXT
DIP 50°
DIP TESTS 150', 300'

BEARING S15°E
CO-ORDINATES 35,400 N., 19,900 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

FROM	FOOTAGE TO	DESCRIPTION	NO.	FROM	TO	CORE SAMPLE		SLUDGES	
						AU	AG	AU	AG
0	48	CASING							
48	48.5	DIORITE, as in #1, #2, #3, #4 etc.							
48.5	50.5	DYKE, aphanitic, massive hard, dark grey-black. Occasional veinlet $\frac{1}{4}$ " less than quartz-carbonate @ 55°.							
50.5	141	DIORITE, as above.							
		61.6-62.6	13039				Tr.		
		62.65-62.9 grey-white quartz-carbonate veinlet with pyrrhotite, and minor chalcopyrite seams.	13040				Tr.	Tr.	
		62.9-63.9 vein @ 45°; less than 5% sulphides.	13041				Tr.		
		72.5 Slip @ 45°							
		90.5-93 vein zone @ 35°. Grey quartz-carbonate & diorite & feather vein alteration zone on either side of sulphide impregnated core.							
		90.2-91.2	13042				Tr.		
		91.2-91.6 massive patches of pyrrhotite & chalcopyrite in grey quartz carbonate, + 5% sulphides.	13043				Tr.	Nil	

D.D.H. No. 5

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE, (Cont'd)							
		91.6-62.6	13044			0.02			
		101.8 Slip @ 40°							
		114.5 2" barren white quartz-carbonate veinlet @ 60°.							
		132.5 Slip @ 25°							
141	144.6	HYKE, hard, grey-black porphyritic (white inclusions) minor pyrite associated with threads of quartz-carbonate @ 10°.							
144.6	314	DIORITE, as above.							
		153 Slip @ 55°		140 - 150				0.01	
		171 Slip @ 45°		150 - 160				0.01	
		176 Slip @ 30°							
		178.3-179.5 coarse diorite (diabasic texture)							
		183.5 Slip @ 50°							
		199 Slip @ 47°							
		202.5 Slip @ 51°							
		204.8 1/2" blue grey quartz-carbonate veinlet with seam of pyrite @ 50°.	13066			0.01			
		213.2 2" blue-grey quartz-carbonate veinlet with 1/8" seams of pyrite, small patches pyrrhotite & chalcopyrite @ 50°.	13067			0.04			
		220.5-221.5 coarse diorite, diabasic textures.	13068			0.02			
		224 1" blue-grey quartz-carbonate veinlet. Thin seam pyrite, occasional speck pyrrhotite and chalcopyrite @ 80°.							
		230 Slips @ 35°							
		237.5 Slip @ 36°	13069			Tr.			
		238.2 1/2" grey-white quartz-carbonate veinlet with pyrite, pyrrhotite, & chalcopyrite @ 45°.							
		242 Slip @ 45°							
		248 Slip @ 60°							

D.D.H. No. 5

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	251.1-251.7	blue-grey quartz-carbonate vein zone, thin seams and blebs of pyrite, minor pyrrhotite & chalcopyrite @ 30°.	13045			0.01	Nil		
	NOTE:	Vein sulphides appear to fill fractures in the quartz.		250 - 260				0.01	
	262.8-263.8			260 - 270				0.01	
	263.8-264.8	massive patches of pyrrhotite and minor chalcopyrite in grey quartz and carbonate vein with diorite inclusions. Vein @ 46°. Main core of mineralisation .6%. 5%+ sulphides.	13046			Tr.			
	264.8-265.8		13047-1'			0.43	0.35		
	272	blue-grey quartz-carbonate 1/4" veinlet with specks of pyrite & pyrrhotite.	13048			Tr.			
	274	Slip @ 15°							
	285 - 290	several threads and veinlets of quartz-carbonate.							
	299.2	1/4" white quartz veinlet specks of pyrite & pyrrhotite @ 37°.							
	302	Slip @ 63°							
	326	Slip @ 30°							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 6

DATE STARTED 5th February, 1960
DATE COMPLETED 6th February, 1960
DEPTH 338'
CORE SIZE AXT
DIP 50°
DIP TESTS 150', 300'

BEARING S15°E
CO-ORDINATES 35,400 N., 20,000 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	62	CASING							
62	338	DIORITE, as in previous holes.							
	62 - 64	¼" barren quartz-carbonate veinlet parallel to core.							
	66.5	Slip @ 30°							
	71	Slip @ 60°							
	75	Slip @ 20°							
	77.5	2 - 1" barren quartz-carbonate veinlets @ 72°							
	79.5	Slip @ 40°							
	87.5	Slips @ 47°							
	95	Less than ¼" irregular quartz-carbonate veinlets. Specks of sulphide.							
	96.5	Slips @ 27° with pyrite.							
	100.5	Slip @ 33°							
	102.2	2" quartz-carbonate altered veinlet @ 63°, few specks of sulphides.							
	105.5	Slip @ 22°							
	107.5	Slip @ 27°							
	125	Slip @ 20°							
	130	Slip @ 45°							
	135	Slip @ 38°							
	136.5	Irregular 1/8" quartz-orthoclase veinlet cluster terminating at a slip face.							

D.D.H. No. 6

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
139		Slip @ 15°							
75 - 150		Sections of badly broken core.							
171.5		Quartz-carbonate veinlet @ 30°, rare speck pyrite.							
173.5		Slip @ 45°							
182.5		Slip @ 44°							
192.5		6" altered section (fine grained sheared @ 45°)							
195-197		1/8" quartz-carbonate veinlet with considerable pyrite parallel to core.							
209		Slip @ 45°							
217.5		Slip @ 32°							
222		Slip @ 40°							
223.5		Altered zone slightly chloritic, cherty fragments in a small shear @ 55°. Specks pyrite.							
227.5		Slip @ 35°							
236		Slip @ 40°							
239.5		Slip @ 50°							
226.7		1/4" irregular quartz-carbonate veinlet with pyrrhotite, chalcopyrite & pyrite.	13070			Tr.	0.20		
253.3		Slip @ 35°	13071			Tr.			
258		1/4" veinlet @ 56° massive patches of pyrrhotite, chalcopyrite & pyrite.	13072			Tr.			
264		Slip @ 35° with pyrrhotite, chalcopyrite & pyrite.	13073			Tr.			
277		1/8" quartz-carbonate veinlet @ 54°. Blebs pyrrhotite, chalcopyrite & pyrite.							
277.5		Slip @ 17°							
278		1/8" seam pyrrhotite @ 55°.							
287		1" quartz-carbonate veinlet @ 35°. Specks pyrite.							
310.5		Slip @ 30°							

D.D.H. No. 6

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
	317.5	Slip @ 41°							
	323-325	Altered diorite.							
	333.5	Quartz-carbonate stringers @ 30°.							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lafever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 7

DATE STARTED February 19th, 1960
DATE COMPLETED February 24th, 1960
DEPTH 347'
CORE SIZE AXT
DIP 50°
DIP TESTS 150', 300'

BEARING S15°E
CO-ORDINATES 35,325 N., 19,200 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	74	CASING							
74	347	DIORITE, medium and fine grained. Small threads and seams of white quartz-carbonate at all angles to the core - otherwise as noted below.							
	80 - 85	Weak shearing @ 80° chloritic along shear planes.							
	85 - 90	Weak shearing @ 60° slightly chloritic along shear planes.							
	90.3	.3' brecciated white quartz-carbonate stringer @ 55°.							
	91	.4' band of altered pyritized (disseminated cubic pyrite) diorite @ 50°.							
	92.8-94.3	Pyritized silicified diorite (disseminated cubic pyrite).	13074				Tr.		
	95.5	Slip @ 45°							
	98.5-99.8	Silicified pyritized diorite @ 60° (fine disseminated cubic pyrite in silicified diorite).							
	105	1" white quartz stringer @ 70° barren.							
	112	1" barren white quartz-carbonate stringer.							

D.D.H. No. 7 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	117-123	Sheared chloritic diorite @ 60° occasional speck pyrite.							
	125-182	Massive slightly chloritic diorite. Occasional cube of pyrite. Very vague shear features @ 60°.							
	129.7	.2' grey pyritized silicified fine grained dyke @ 67°.							
	132	Slips @ 60°							
	152	Slips @ 40°							
	174	Slips @ 60°							
	177-181	Chloritic seams in sheared diorite @ 20° strong shearing @ 60°.							
	160-225	Accessory magnetite noted in diorite.		210	220				0.01
	194	2-1/8" seam of massive pyrite @ 60°.							
	196.5-194.5	Porphyritic hard grey siliceous dyke @ 60°.							
	203-205.5	Dyke as above, @ 20°.							
	228	1/4" seam of massive pyrite @ 70°.							
	225-250	Shearing @ 55° and 60°.							
	239-243	Dyke as above, @ 20°.							
	250-275	Shearing @ 50° and 60°. Blobs of pyrite scattered through core.							
	257-258.5	Very fine grained hard grey-black dyke.							
	267.5-270	Dyke as above.		260	270				0.01
	271.5-272	Dyke as above.							
	275-285	Slips @ 55°							
	285-295	Slips @ 25°							
	285-317	Medium coarse grained diorite.							
	317-319.5	Porphyritic diorite @ 40°.							
	319.5-347	Medium grained diorite.							
	325-331	Dyke - fine grained diorite.							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as
indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. 8

DATE STARTED 26th February, 1960
DATE COMPLETED 4th March, 1960
DEPTH 686'
CORE SIZE AXT
DIP -50°
DIP TESTS 300', 600'

BEARING S150E
CO-ORDINATES 35,625 N., 19,800 E.
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	21	CASING							
21	22.5	DYKE, light grey fine grained hard cherty dyke.							
22.5	25	INTERMEDIATE VOLCANICS, and grey feldspar porphyry rocks - probably boulders.							
25	28	DYKE, as above							
28	83.5	VOLCANICS, light and dark green acid and intermediate volcanics with silicified and pyritized sections. Numerous quartz-carbonate stringers and threads at all angles to the core. Contorted pearly quartz bands. Otherwise as described.							
	25-100	Badly broken core.							
	41	6" white quartz zone with specks pyrite throughout.							
	45 - 48	White pearly contorted quartz and quartz-carbonate seams with specks of pyrite and pyrrhotite.							
	61 - 72	Silicified, pyritized bleached (pale green and grey) massive volcanics.							

D.D.H. No. 8 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		VOLCANICS (Cont'd)							
		72 Slip @ 35°							
		79.5 1/32" seam pyrrhotite and pyrite.							
		81.5 Patch of pyrrhotite, chalcopyrite and pyrite.							
		83.3 1/2" white quartz-carbonate veinlet @ 60° with pyrrhotite, chalcopyrite and pyrite.							
83.5	101	DYKE, grey massive and granular dyke.							
		89 1/4" quartz-carbonate veinlet with pyrrhotite and chalcopyrite.							
		92.3 1/4" quartz-carbonate veinlet with massive pyrrhotite, chalcopyrite and pyrite.							
		96.5-99 Gabbroic granular phase with disseminated cubic pyrite.							
		99-101 Porphyritic phase.							
101	126	VOLCANICS, intermediate, massive, cut by white quartz-carbonate veinlets and threads. Specks pyrite and pyrrhotite in some quartz-carbonate threads.							
		111 Slip @ 50°							
		124 Slip @ 48°							
		120 Massive patch of pyrrhotite and chalcopyrite.							
126	134	SILICIFIED TUFF, interstratified tuffaceous, silicified material with quartz-carbonate veins and veinlets all at right angles to core.							
		129.2-130 Barren white quartz-calcite vein at right angles.							

D.D.H. No. 8 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
134	187.5	VOLCANICS, as above. 151.5 1½" white quartz stringer @ 50° rare speck pyrite. 181.5 1" white quartz stringer with small patch pyrite, pyrrhotite and chalcop- pyrite @ 55°.							
187.5	192.3	DYKE, grey, fine grained, hard. Cut by white quartz-carbonate veinlets and threads at all angles to core. Sharp contacts. Disseminated fine pyrite throughout.							
192.3	260	VOLCANICS, intermediate. Sections showing various stages of alteration - bleached, pyritized, 'baked'. Stress features - weak brecciation, narrow shear bands, contorted pearly quartz or feldspar veinlet clusters. Otherwise as des- cribed. Pillow features in the form of narrow lighter coloured halos may be present but this would require confir- mation from surface observations. 210-213 Fine grained pale grey-green dyke. 220-223 Dioritic phase. 242 3" grey quartz-carbonate vein with massive seams and patches of pyrrhotite, chalcopyrite and pyrite @ 50°.	13075			0.02			
260	265	CONTACT ZONE, grey-black altered volcanics and diorite with stringers and seam of white quartz-carbonate.							
265	686	DIORITE, fine grained, massive, green. Threads and seams of white quartz-carbonate. 283.5 Slip @ 35° 293.5 Slip @ 47°							

D.D.H. No. 8 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	315	Slip @ 55°, pyrite along slip face.							
	329.1-329.3	(2.4") white quartz-carbonate vein @ 35°. Massive pyrrhotite, chalcopyrite and pyrite.	13076	320	330	1.12	0.38	0.02	
(1.2")	342.5 354.9	Slip @ 40° (.1") quartz-carbonate veinlet with pyrrhotite, chalcopyrite and pyrite.	13077			0.04	Tr.		
	361	¼" quartz-carbonate veinlet with pyrrhotite, chalcopyrite and pyrite.							
(1")	365 366	Slip @ 30° 1" quartz-carbonate veinlet @ 60°, pyrrhotite, chalcopyrite and pyrite.	13078			0.04	Nil		
	371	Slip @ 36°							
	377.5 386	Slip @ 35° ¼" quartz-carbonate veinlet with pyrrhotite, chalcopyrite and pyrite @ 43°.							
	396-398	Feather veins.							
	402.5	Slip @ 35°							
	404	1" feldspar porphyry dyke.							
	406.5	¼" quartz-carbonate veinlet @ 62° with pyrrhotite, chalcopyrite and pyrite.							
	416.3	1/8" seam of pyrite and pyrrhotite.							
	418.5	Slip @ 45°							
	427.5	Slip @ 50°							
	451	Slip @ 35°							
	467	Slips @ 55°							
	482.5	Slip @ 25°							
	483.5	½" grey quartz-carbonate veinlet with massive pyrrhotite, pyrite and chalcopyrite @ 55°.							
	492.8-493.4	(7.2") 'vein zone' thin seams of massive pyrrhotite, pyrite and chalcopyrite in diorite and very narrow quartz-carbonate veinlets @ 40°.	13079			0.08	Nil		

D.D.H. No. 8 (Cont'd)

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	494.5	Slip @ 35°							
	520-523	Zone of slightly sheared and brecciated scattered white quartz-carbonate veinlets and stringers in diorite (barren).							
	530.5	Slip @ 35°							
	546	Slip @ 36°							
	557-559	Barren quartz-carbonate zone in Diorite @ 30°.							
	562.5	Slip @ 20°							
	579.5	Slip @ 42°							
	618-618.5	Irregular ¼" seam massive pyrrhotite and chalcopyrite in diorite.		600	610				0.01
	618.5	Slip @ 40°							
	623.5-624	Barren quartz-carbonate stringers @ 40°.							
	657.5	Slips @ 30°							
	662.8-664.5	Feldspar porphyry dyke @ 35°. Random plagioclase laths in aphanitic dense groundmass.							
	667	Slip @ 50°							
	667.5	1" feldspar porphyry dyke and adjacent quartz-carbonate veinlet with occasional speck pyrite and pyrrhotite @ 50°.							
	670	½" porphyry dyklet with seam of quartz-carbonate @ 56°.							
	675.5	Slip @ 35°							
	680.5-683	Barren quartz-carbonate zone of stringers and 'feather' veins @ 35°.							
	685-686	Brecciated quartz-carbonate veinlets with sparse disseminated cubic pyrite and pyrrhotite.							

KND OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. B-1

DATE STARTED 10th February, 1960
DATE COMPLETED 11th February, 1960
DEPTH 209'
CORE SIZE AXT
DIP -50°
DIP TESTS 150'

BEARING N33°E
CO-ORDINATES
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FROM</u>	<u>FOOTAGE</u> <u>TO</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
						<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	9	CASING							
9	136	DIORITE, medium fine grained, dark green. Medium hardness, numerous white quartz-carbonate stringers, veinlets and threads at all angles to the core.							
	11	Slip @ 36°							
	15.2	.07' grey black aphanitic hard dyke @ 55°.							
	24.5	Slip @ 37°							
	26.3	Slip @ 40°							
	32.5	2.5" barren white quartz-carbonate veinlet @ 40°.							
	44.5	Slip @ 48°							
	56.3	1/6" thread of pyrite mineralization @ 42°.							
	57	Slip @ 42°							
	61.5	Slip @ 37°							
	69	Slip @ 35°							
	88	Slip @ 30°							
	89.6	1" white quartz-carbonate veinlet @ 60° with pyrite, pyrrhotite and chalcopyrite patches on both edges of the quartz.	13049			0.01		0.08	

D.D.H. No. S-1

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORB SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	96.9	1/8" seam of pyrite, pyrrhotite, & chalcopyrite in white quartz-carbonate veinlet @ 43°.							
	104	Slip @ 43°							
	110-128.5	Slightly altered diorite impregnated with numerous salmon pink & white quartz-carbonate veinlets (perhaps orthoclase) some pyrite noted with the veinlets. Finer grained, darker green. Slightly friable fracture.							
136	196	DIORITE, very fine grained. Somewhat chloritic, sections with fine disseminated pyrite & pyrrhotite.							
	141	Slips @ 55°							
	147	Slip @ 30°			140 - 150				0.01
	177.5	Slip @ 43°			160 - 170				0.01
	156	3/8" seam of pyrite & pyrrhotite @ 23°.			170 - 180				0.01
	161.5-164.5	2.4" white quartz-carbonate stringer with massive patches pyrrhotite, chalcopyrite & pyrite parallel to core. Lower contact @ 10°.	13203				0.01	Tr.	
	167	1/2" white quartz-carbonate stringer @ 30° with patches of pyrrhotite & pyrite stringer appears to terminate within core dimension							
196	209	DIORITE, very fine grained, numerous quartz-carbonate threads, grey-green color. More altered than above. Chloritic. Somewhat like massive basic volcanics.							
	168.5	Slip @ 35°							

D.D.H. No. 8-1

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE, (Cont'd)									
201.8		Slip @ 40°							
202-209		Considerable disseminated pyrite & pyrrhotite.		200 - 209				0.02	
207.8-209.5		White quartz-carbonate vein @ 25° with pyrite & chalcopyrite.	13202			0.04	Tr.		

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. S-2

DATE STARTED 12th February, 1960
DATE COMPLETED 13th February, 1960
DEPTH 226'
CORE SIZE AXT
DIP -50°
DIP TESTS 150'

BEARING N33°E
CO-ORDINATES 100' westerly from S-1
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	36	CASING							
36	159	DIORITE, fine grained, dark green. Aphanitic sections, seams, threads and stringers of white quartz-carbonate at all angles to the core. Disseminated fine pyrite & pyrrhotite in same sections of diorite.							
45.5		Slip @ 50°. Pyrite on slip face.							
47		Slip @ 40°. Pyrite on slip face.							
55.3		Slip @ 28°. Pyrite on slip face.							
70		Slip @ 32°							
77		3/4" white quartz-carbonate stringer with occasional bleb pyrite & pyrrhotite @ 27°.							
97		Slips @ 70 with pyrite & pyrrhotite on slip faces.							
103		1" white quartz-carbonate stringer with 1/32" seam of pyrite & pyrrhotite @ 40°.							
103.5		Slip parallel to vein @ 45° with pyrite.							
110.2		Slip @ 45° pyrrhotite along slip face.							
120		1/32" seam of pyrrhotite and pyrite @ 55°.							

D.D.H. No. S-2

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE (Cont'd)							
	126	1/32" seam of pyrrhotite & pyrite @ 65°.							
	129.5	Slip @ 47°							
	133	Slips @ 30°							
	139	1/8" seam of pyrite & pyrrhotite @ 45°.							
	148	Slip @ 57°. Pyrite along face.							
	158	Slip @ 39°. Pyrite along face.							
	158.5-158.9	1" irregular white quartz-carbonate veinlet with disseminated specks pyrite, pyrrhotite @ 25°. Disseminated pyrite & pyrrhotite in adjacent wall rock.	13050			0.06	0.12		
159	160.9	DIORITE, altered, fine grained, hard, dark green, numerous quartz-carbonate veinlets at all angles to core with occasional salmon pink coloration in veinlets (perhaps orthoclase) @ 22°.							
160.9	161.3	White quartz-carbonate with sparse fine disseminated specks pyrite and pyrrhotite @ 35°.	13051			0.04	0.04		
161.3	163	DIORITE, as above.							
163	174	DIORITE, altered, as previously described. Contact @ 40°. Lower contact also 40°.							
174	220	DIORITE, as above.							
	178	Slip @ 30°	13052			0.38	0.18		
	182.1	2" white quartz-carbonate veinlet with 1/32" seam of pyrrhotite & pyrite mineralization along lower edge @ 40°.							

D.D.H. No. S-2

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE (Cont'd)									
	182.6	Small patch of sulphides in core, mainly pyrite.							
	184.5	Slips @ 50°. Pyrite along slip.							
	189	1/2" quartz-carbonate veinlet with massive pyrrhotite, chalcopyrite disseminated sulphides in adjacent wall rock @ 32°.	13053			0.14	0.65		
	199	Slip @ 45°							
	200	Slip @ 54°		200 - 210				0.01	
	212	Slip @ 30°							
	214.4-214.5	1" zone quartz-carbonate with massive pyrite & pyrrhotite @ 60°. (20% sulphides)	13054			0.13	0.05		
220	226	DIORITE, altered, hard, dark black-green, somewhat basaltic. Massive aphanitic. Few seams quartz-carbonate.							
	220	Slips @ 25°.							

END OF HOLE

NOTE: All sludge assays Nil and Trace except as indicated.

KERR-ADDISON GOLD MINES LIMITED

VIRGINIATOWN, ONTARIO

PROPERTY - Lefever Option
LOCATION - Horwood Township, Ontario.

D.D.H. No. S-3

DATE STARTED 15th February, 1960
DATE COMPLETED 16th February, 1960
DEPTH 329'
CORE SIZE AXT
DIP -50°
DIP TESTS 150'

BEARING N33°E
CO-ORDINATES 200' westerly from S-1
LOGGED BY F. P. Tagliamonte, P. Eng.

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
0	34	CASINO							
34	277.5	DIORITE, medium grained, dark green, numerous white quartz-carbonate threads, veinlets and stringers at all angles to core.							
	41.5	Slip @ 25°							
	50	Slip @ 25°							
	55	Slip @ 28°. Pyrite along face.							
	61	Slip @ 40°. Pyrite in slip.							
	64	Chloritic section @ 50° with pyrite patches in a 1/16" blue-grey quartz-carbonate veinlet.							
	73.5	Slip @ 16°							
	83 - 85	Disseminated fine pyrite in core.							
	84	Slip @ 10°							
	86	1.5' section of quartz-carbonate feather veins.							
	91	Slips @ 35°							
	93	Slips @ 23°							
	120.5	Slip @ 34° with 1/8" seam of massive pyrite adjacent in the diorite.							
	120-124.5	Disseminated blebs of pyrite in diorite.	13061			Tr.		Tr.	

D.D.H. No. 8-3

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
DIORITE, (Cont'd)									
124.8		1" grey-white quartz-carbonate stringer with massive patches of pyrite & pyrrhotite @ 45°.	13062			0.67	Nil		
125.5		3/8" grey-white quartz-carbonate veinlet with massive pyrrhotite and chalcopyrite @ 77°.							
126.7		1/4" white quartz-carbonate veinlet with blebs pyrite & pyrrhotite @ 50°.							
127.6		1/8" seam of massive pyrrhotite @ 40°.							
128		Slip @ 45°							
128.7		3/4" white quartz-carbonate stringer with massive patches of pyrrhotite & pyrite @ 37°.							
129.5		1" white quartz stringer with blebs pyrite @ 60°.	13063	125 - 130		Tr.	Tr.		
137.3		3/8" white quartz-carbonate veinlet with blebs of pyrite @ 25°.	13064	137 - 139		Tr.			
145 - 150		Altered diorite (perhaps a diorite dyke) aphanitic, hard, massive, few threads of white quartz-carbonate.							
162.2		4" zone. Cluster of white & pink quartz-carbonate threads & veinlets with considerable pyrite both in the stringers and enclosing diorite.							
171.5		2" barren white quartz-carbonate vein @ 45°.							
155 - 173		Numerous quartz-carbonate veinlets and threads with pink mineral - perhaps orthoclase (no visible cleavage).							

D.D.H. No. S-3

<u>FOOTAGE</u>		<u>DESCRIPTION</u>	<u>NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CORE SAMPLE</u>		<u>SLUDGES</u>	
<u>FROM</u>	<u>TO</u>					<u>AU</u>	<u>AG</u>	<u>AU</u>	<u>AG</u>
		DIORITE, (Cont'd)							
		183 Slips @ 30°							
		187 Slip @ 30°							
		187.7 ½" white-grey quartz-carbonate veinlet @ 25° along contact with siliceous grey massive dyke. Massive patches of pyrite in veinlet.							
		187.7-189.5 Grey massive aphanitic hard dyke threads and seams of quartz-carbonate throughout lower contact @ 15°.							
		191 Slips @ 40°							
		191.8 ¾" white quartz-carbonate veinlet @ 40° with massive pyrrhotite & chalcopyrite	13065			0.02	Tr.		
		194.5-205 Dyke, as above.							
		204 Slip @ 15°							
		205 Slip @ 20°							
		208.5 Slip @ 42°							
		212.5 Slip @ 40°							
		224 Slip @ 65°							
		233 Slip @ 40°							
		236.5 Slip @ 40°							
		252 Slip @ 35°							
		274 Slip @ 44°							
277.5	284.5	DIORITE, porphyry, lath-like feldspar phenocrysts, possibly orthoclase. Lower contacts @ 33°.							
		280.5 Slip @ 30°							
284.5	329	DIORITE, dark green, soft, massive, aphanitic, numerous threads of white quartz-carbonate at all angles to the core.							
		303.5 Slip @ 22°							
		307 Slip @ 30°							

END OF HOLE

NOTE: All sludge assays trace and Nil except as indicated.

S-106565

S-106566

S-106567

S-106568

S-106569

S-106570

HORWOOD
LAKE

105821

North

LEGEND



Diabase



Quartz vein and pits



Agoman granite and quartz
feldspar porphyry



Keewatin volcanics

.07/12" Ounces gold per ton over length of sample

Scale 1" = 330'

Note - All pits approximately 4'x10'x4'

Geology after O.D.M. Vol. XLVI, Pt. II, 1937

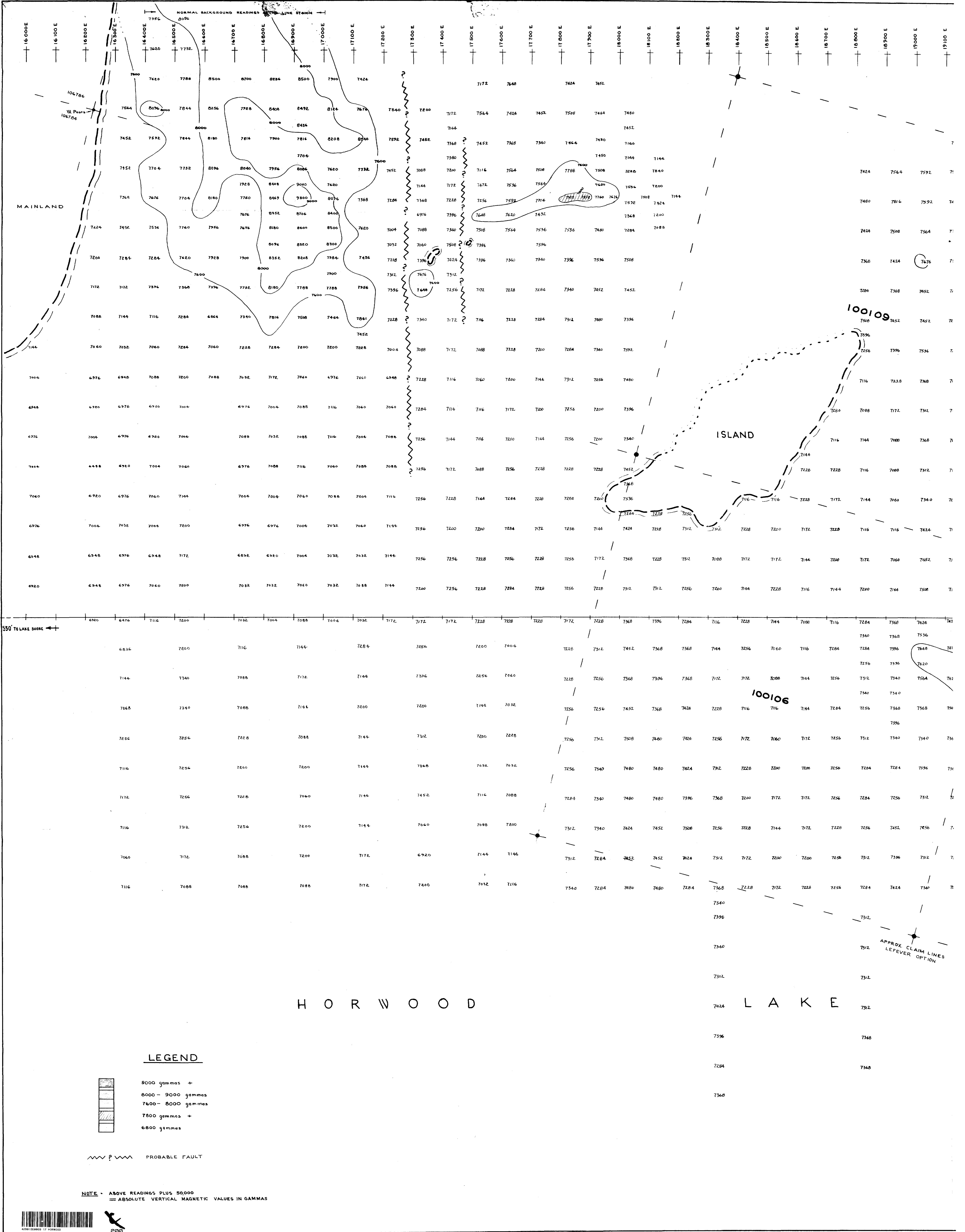
KERR-ADDISON GOLD MINES LTD.

HORWOOD LAKE GROUP

SHOWING

PITS AND CHANNEL SAMPLES

JUNE, 1958



NORMAL BACKGROUND READINGS

MAINLAND

ISLAND

H O R W O O D

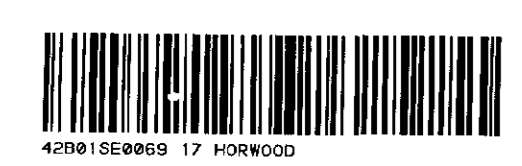
L A K E

LEGEND

- 9000 gammas +
- 8000 - 9000 gammas
- 7600 - 8000 gammas
- 7800 gammas +
- 6800 gammas

PROBABLE FAULT

NOTE - ABOVE READINGS PLUS 50000
= ABSOLUTE VERTICAL MAGNETIC VALUES IN GAMMAS







APPROX. CLAIM LINES
LEVEVER OPTION

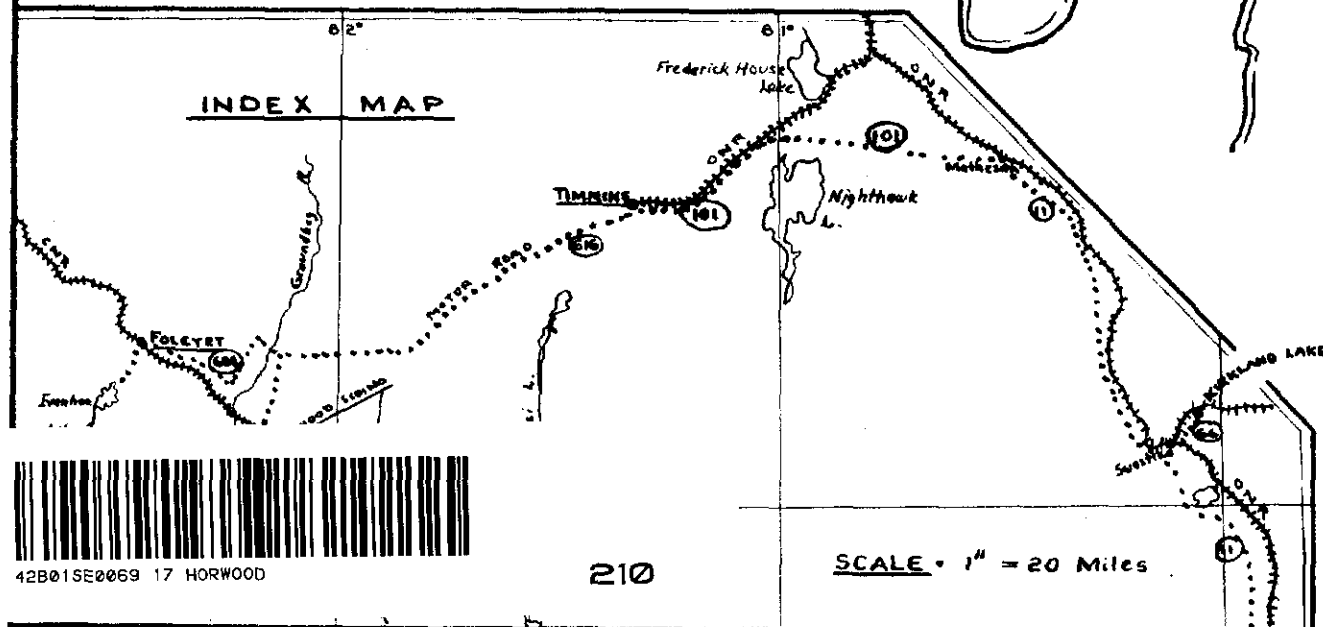
HORWOOD LAKE

106786	106787	106788	106791	106792	106793	106794	106795	106796	106800
106784	106785	100104	100108	106565	106566	106567	106568	106801	106801
106779	106780	100106	100107	106568	106569	106570	106797	106798	106799
106781	106782	106783	106789	106790					

HORWOOD TWP.

LEGEND

-  HORWOOD LAKE GROUP
-  LEFEVER OPTION
-  INDEPENDENT
-  D. DRILL AREAS



Report 5-6-180 Horwood Twp.

KERR-ADDISON GOLD MINES, LTD.
VIRGINIATOWN, ONT.

LEFEVER OPTION

SUBJECT **CLAIM GROUP & INDEX MAP**

SCALE 1" = 1320' DRAWN BY **F.P.T.**

DATE **APRIL 1960** CKD BY _____

APPROVED _____

MAP N° 1

HORWOOD #17



42B015E0069 17 HORWOOD

210

HORWOOD LAKE

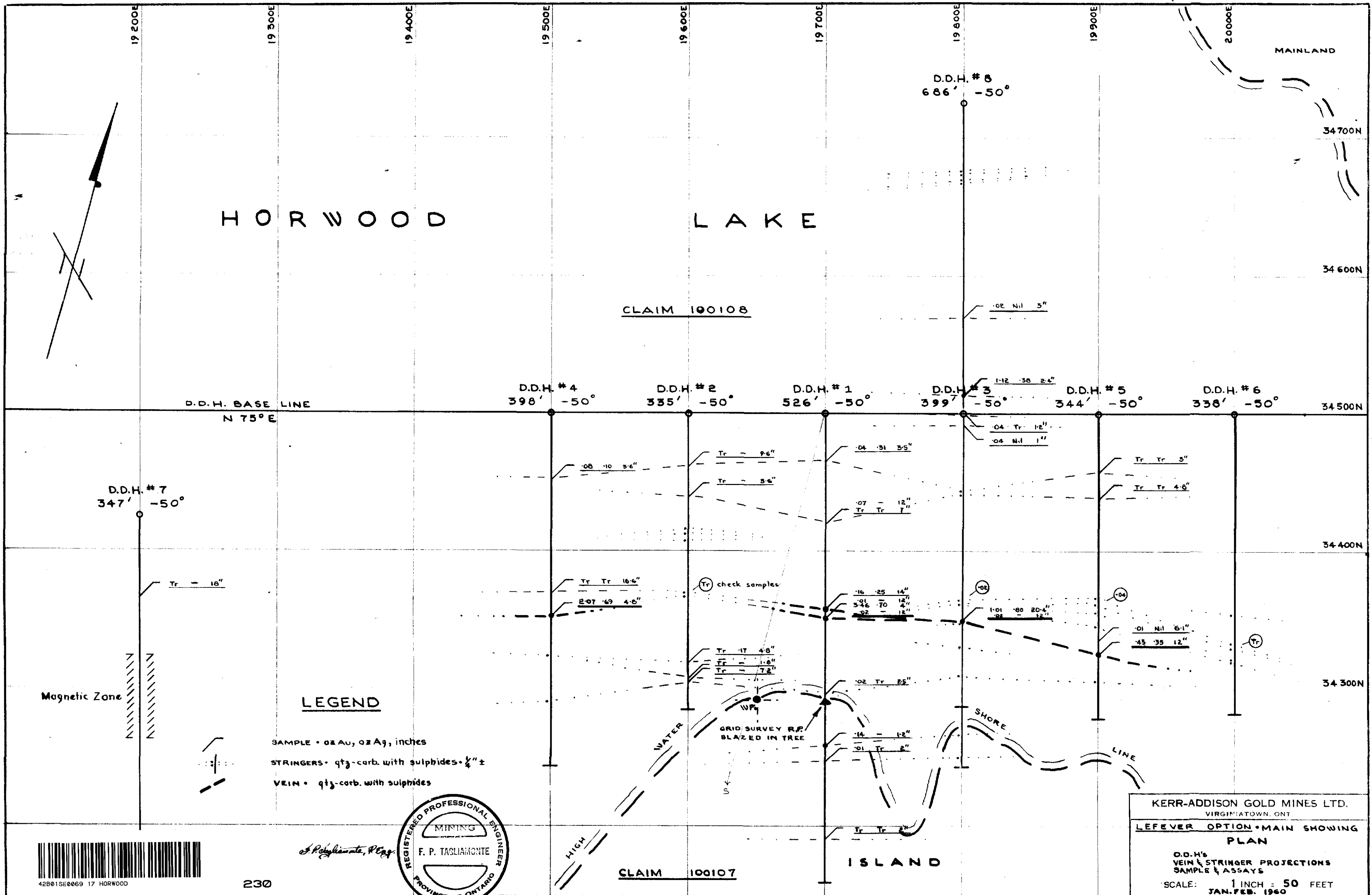
4:00 PM JUNE 23 106786 WP 13 CHS E 33 " 53 "	4:30 PM JUNE 23 106787 200	5:00 PM JUNE 23 106788 200	11:30 AM JUNE 24 106791 200	1:00 PM JUNE 24 106792 200	2:15 PM JUNE 24 106793 200	3:00 PM JUNE 24 106794 80	8:00 AM JUNE 25 106795 80	9:30 AM JUNE 25 106796 80	9:45 AM JULY 9 106800
2:30 PM JUNE 23 106784 WP 10 E 30 "	3:00 PM JUNE 23 106785 200	100109 80	100108 80	106565 160	106566 200	106567 80	81342 80	105860	12:05 PM JULY 9 106801
8:00 AM JUNE 23 106779 200	8:30 AM JUNE 23 106780 200	100106 80	100107 80	106568 160	106569 200	106570 80	11:30 AM JULY 3 106797 80	1:00 PM JULY 3 106798 80	3:00 PM JULY 3 106799 80
10:30 AM JUNE 23 106781 WP 10 CHS E 30 " 50 "	11:00 AM JUNE 23 106782	1:00 PM JUNE 23 106783	8:30 AM JUNE 24 106789	10:00 AM JUNE 24 106790 WP 1 CH E 20 CHS S 1 CH NE 20 CH S 20 CH W	105821	105822			
					105827	105828			

HORWOOD LAKE

OPTIONED CLAIMS IN RED
 - 80 DAYS PER CLAIM
 WORK PERFORMED TO BE
 ALLOCATED AS INDICATED ON
 EACH CLAIM
 WORK DONE ON S. 100108-7 TO BE
 RECORDED ON CLAIMS EDGED IN BLACK
 WORK DONE ON S. 81342 TO BE
 RECORDED ON CLAIMS EDGED IN GREEN

- HORWOOD LAKE GROUP HORWOOD TWP. ONT.	
CLAIM RECORDING SKETCH	
29 CLAIMS	
SCALE: 1" = 1/4 MI.	DRAWN BY: CLKW
DATE: JULY 15, 1968 MAY 1960	CHKD BY:
APPROVED:	





HORWOOD LAKE

CLAIM 100108

D.D.H. BASE LINE
N 75° E

D.D.H. #4 398' -50° D.D.H. #2 335' -50° D.D.H. #1 526' -50° D.D.H. #3 399' -50° D.D.H. #5 344' -50° D.D.H. #6 338' -50°

D.D.H. #7
347' -50°

LEGEND

- SAMPLE • 02 Au, 02 Ag, inches
- STRINGERS • qtz-carb. with sulphides • 1/4" ±
- VEIN • qtz-carb. with sulphides



KERR-ADDISON GOLD MINES LTD.
VIRGINIA TOWN, ONT.

LEFEVER OPTION • MAIN SHOWING
PLAN

D.D.H.'s
VEIN & STRINGER PROJECTIONS
SAMPLE & ASSAYS

SCALE: 1 INCH = 50 FEET
JAN. FEB. 1960



CLAIM 100107

ISLAND

Horwood #17

MAP # 2

CLAIM 81342

440' N TO POSTS

CLAIM 106567

LEGEND

- SAMPLE - oz Au, oz Ag, inches
- STRINGERS - qtz-carb. with sulphides. 1/4" ±
- VEIN - qtz-carb. with sulphides



D.D.H. # S-3
329' -50°

D.D.H. # S-2
226' -60°

D.D.H. # S-1
209' -50°

D.D.H. BASE LINE
N 57° W

STACK VEIN (SURFACE)

OUTCROP

KERR-ADDISON GOLD MINES LTD.
VIRGINIATOWN ONT.

LEFEVER OPTION - STACK VEIN

PLAN

D.D.H.'s
VEIN & STRINGER PROJECTIONS
SAMPLE & ASSAYS
JAN. FEB. 1960

SCALE: 1 INCH = 50 FEET



SECTION 19,500E (D.D.H. #4)

LAKE LEVEL 20,000

35,300'

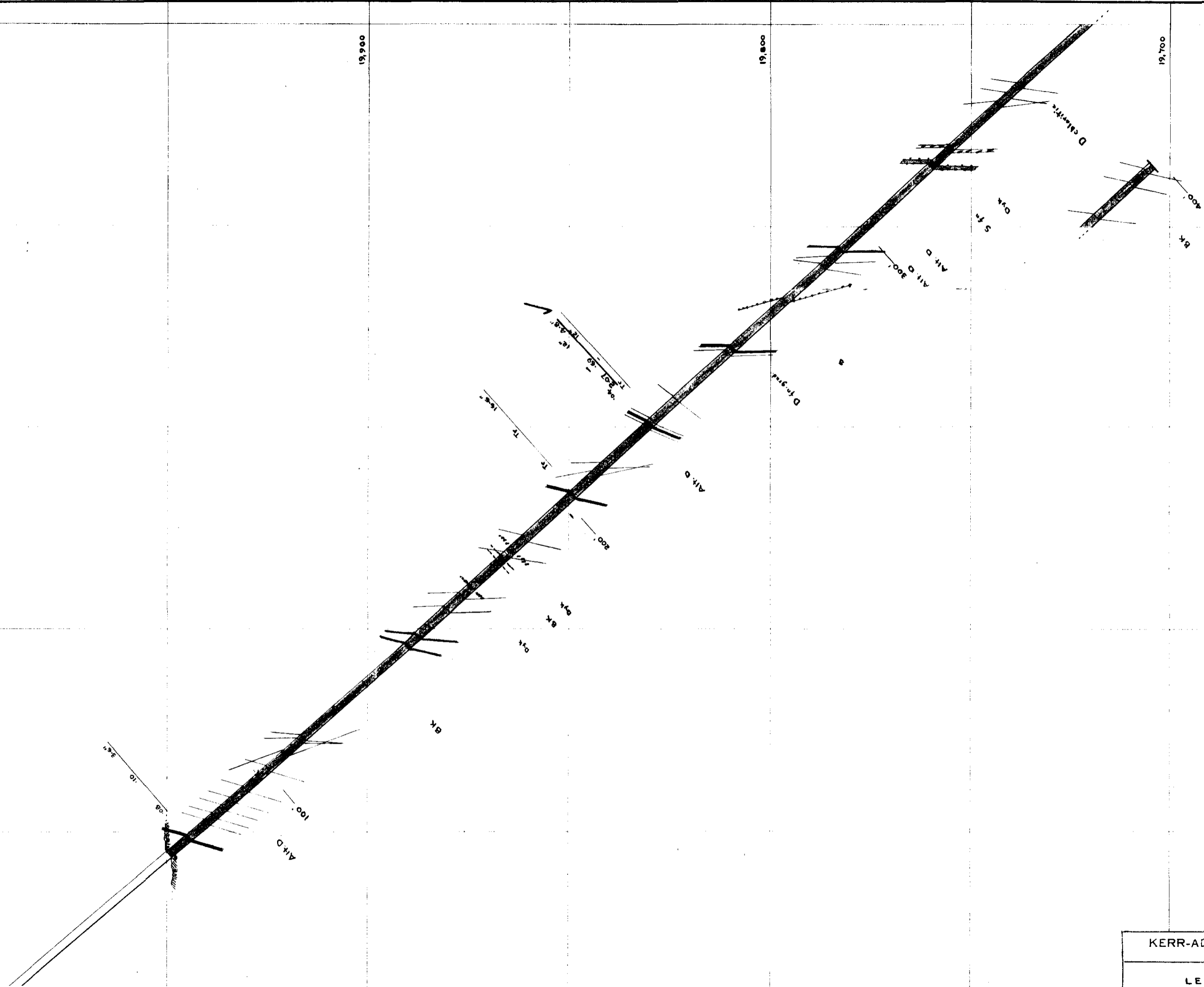
HORWOOD LAKE

35,300'

19,900

19,800

19,700



KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.
 LEFEVER OPTION
 D.D.H. # 4
 JANUARY 1960
 SCALE: 1 INCH = 20 FEET



42B015E0059 17 HORWOOD

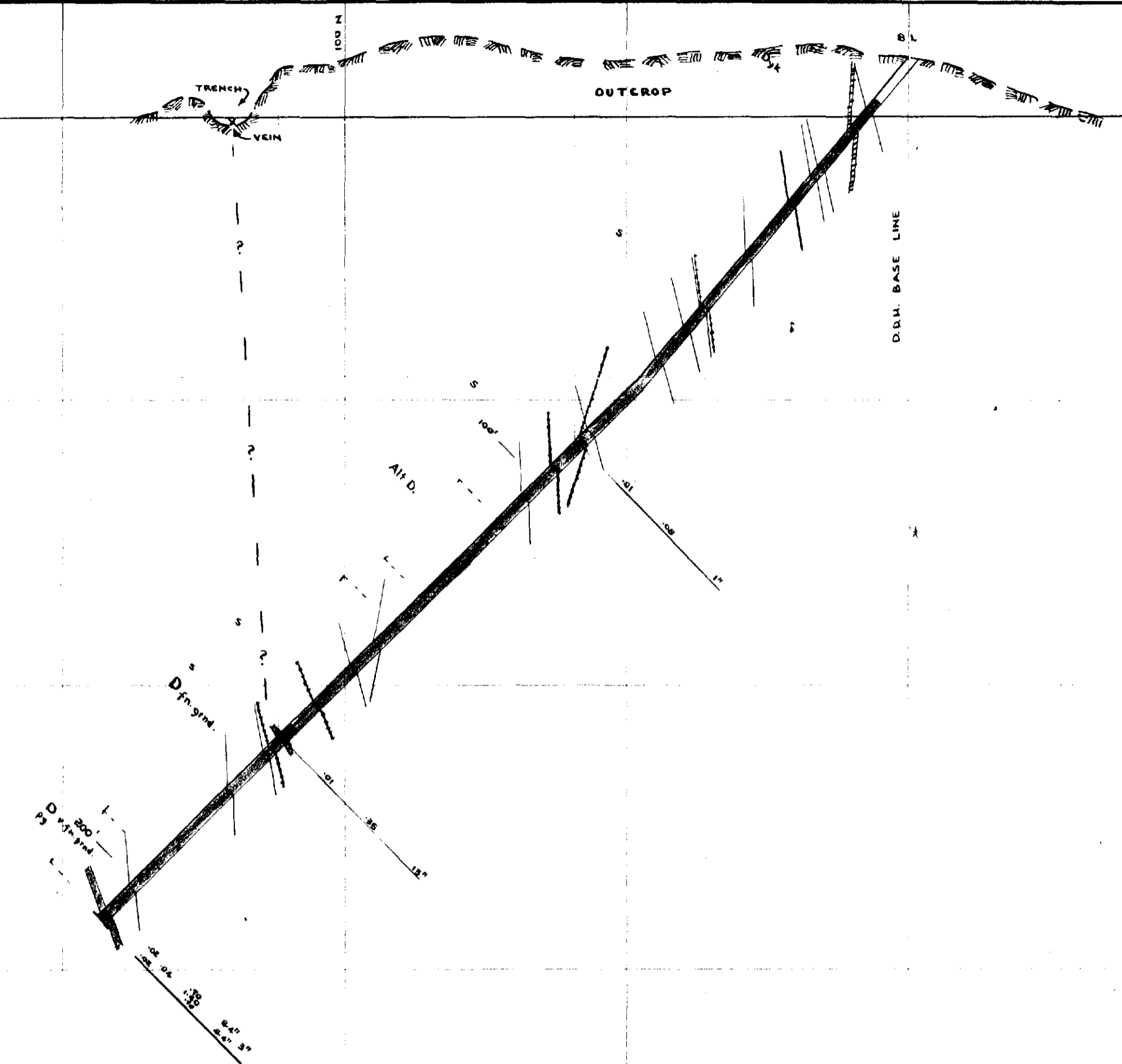
250

Horwood #17

F.R.T.

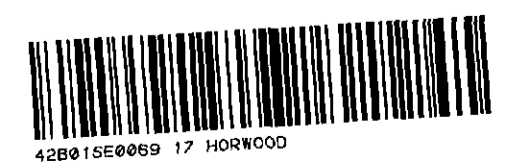
SECTION EAST (D.D.H. S-1)

SWAMP LEVEL



red - algonquin granite #qtz fsp porph.

KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.
 LEFEVER OPTION
 D.D.H. # S-1
 FEBRUARY 1960
 SCALE: 1 INCH = 20 FEET



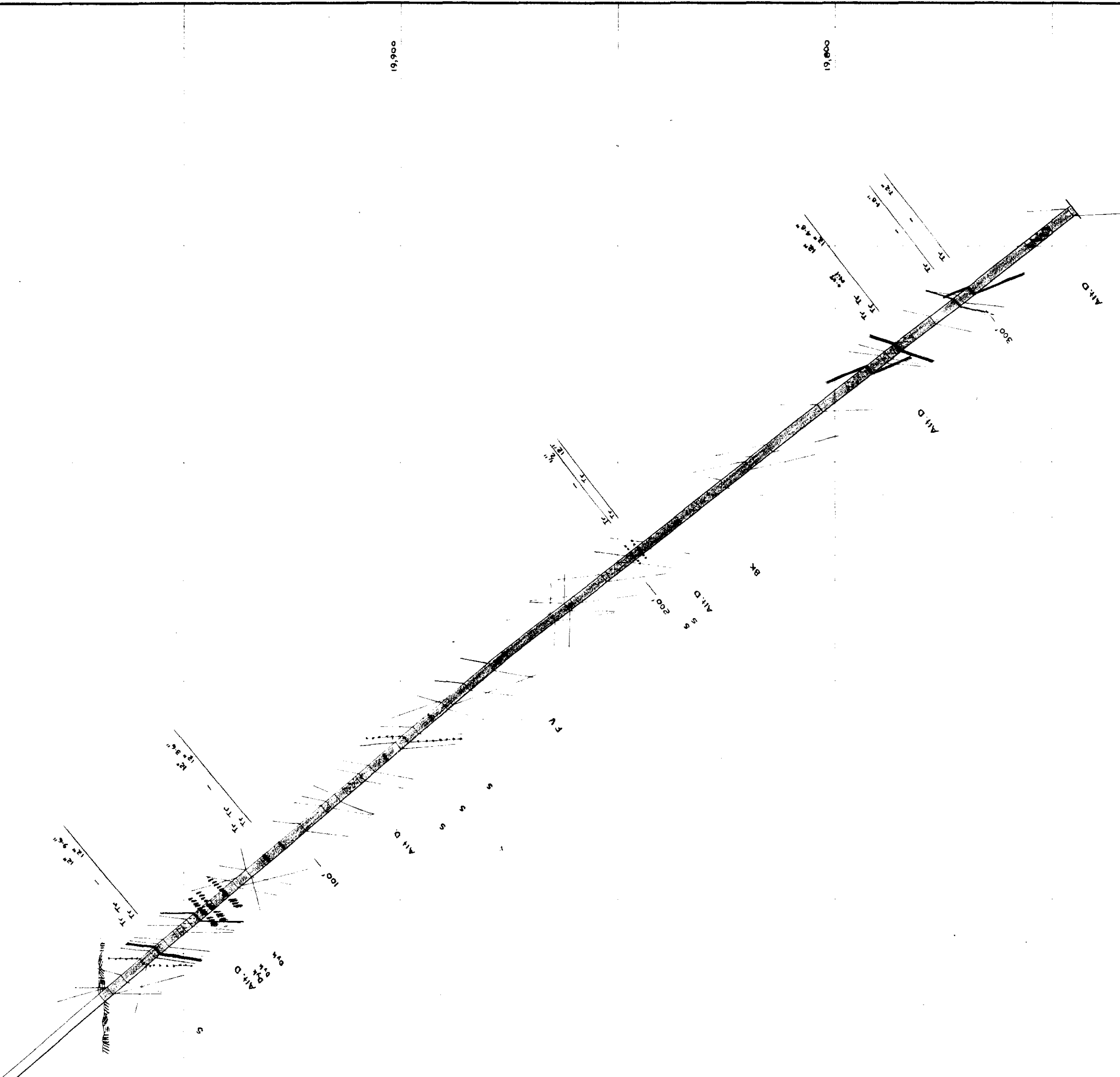
260

HORWOOD #17

EPT.

SECTION 19,600E (D.D.H. # 2)

HORWOOD LAKE
LAKE LEVEL
20,000
35,200
35,300



KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN - ONT.
 LEFEVER OPTION
D.D.H. # 2
 JANUARY 1960
 SCALE: 1 INCH = 20 FEET



270

HORWOOD #17

F.P.T.

SECTION 19,900E (D.D.H.#5)

LAKE LEVEL 20,000

19,900

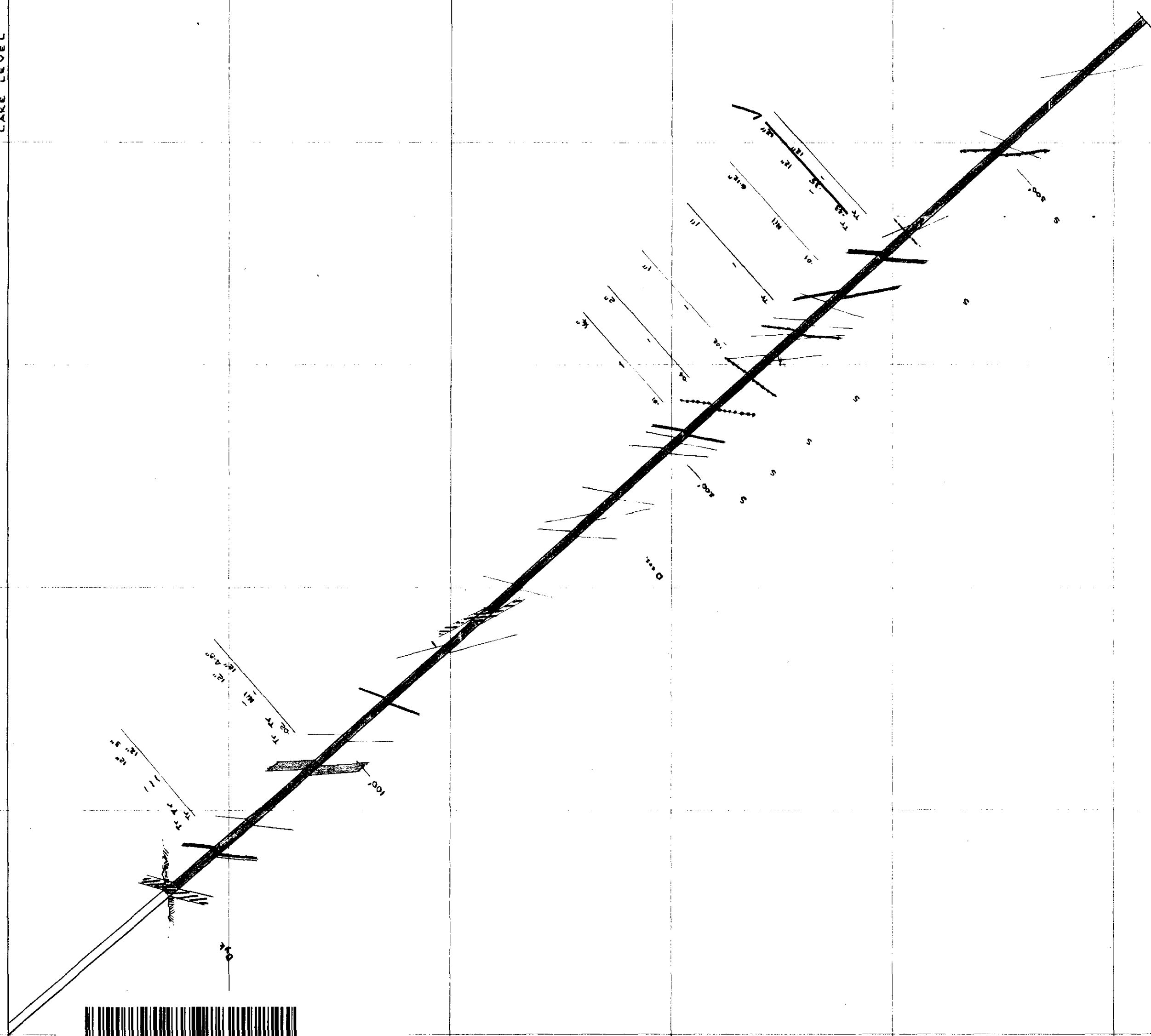
19,800

19,700

35,200N

35,300SE

HORWOOD LAKE

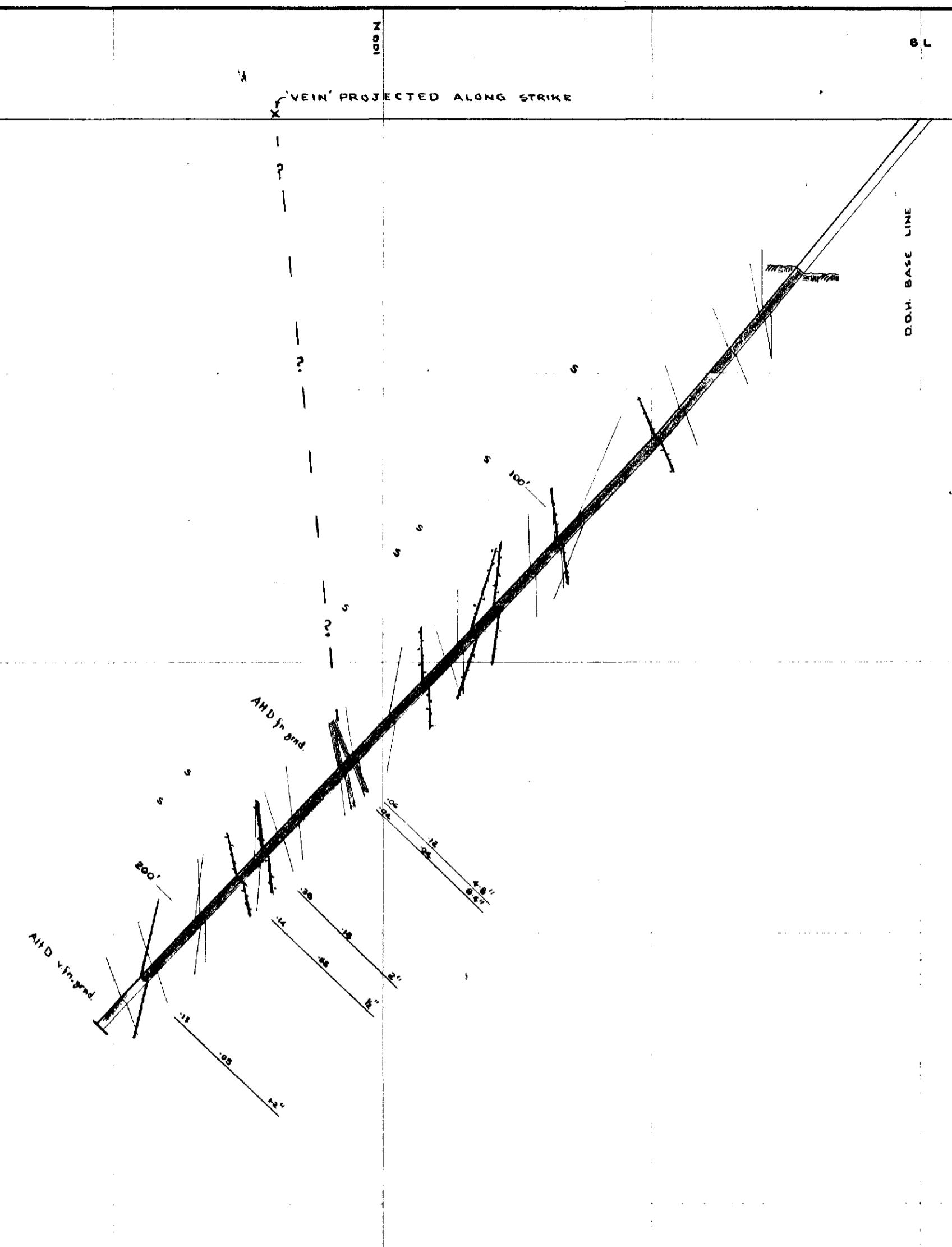


KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.
 LEFEVER OPTION
 D.D.H. # 5
 JANUARY 1960
 SCALE: 1 INCH = 20 FEET



SECTION EAST (D.D.H. # S-2)

SWAMP LEVEL



KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.
 LEFEVER OPTION
 D.D.H. # S-2
 FEBRUARY 1960
 SCALE: 1 INCH = 20 FEET



HORWOOD #17

SECTION 20,000 E (D.D.H. #6)

LAKE LEVEL 20,000

35,200 N

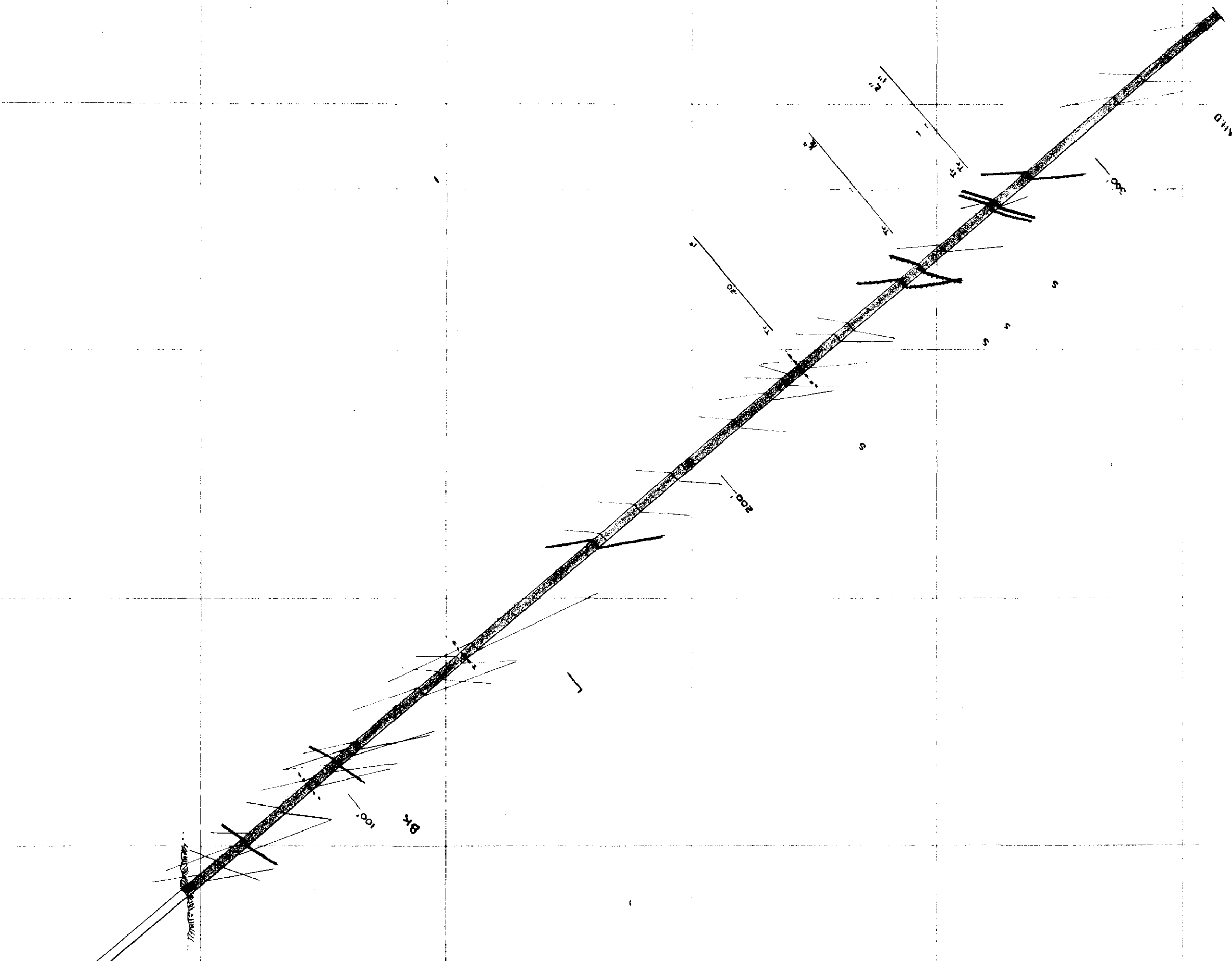
HORWOOD LAKE

NOOD SE

19,900

19,800

19,700



300

KERR-ADDISON GOLD MINES LTD.
VIRGINIATOWN, ONT.

LEFEVER OPTION

D.D.H. # 6

JANUARY 1960

SCALE: 1 INCH = 20 FEET

HORWOOD #17

EPT.

SECTION 19,700E (D.D.H. #1)

HORWOOD LAKE

LAKE LEVEL 20,000

35,200N

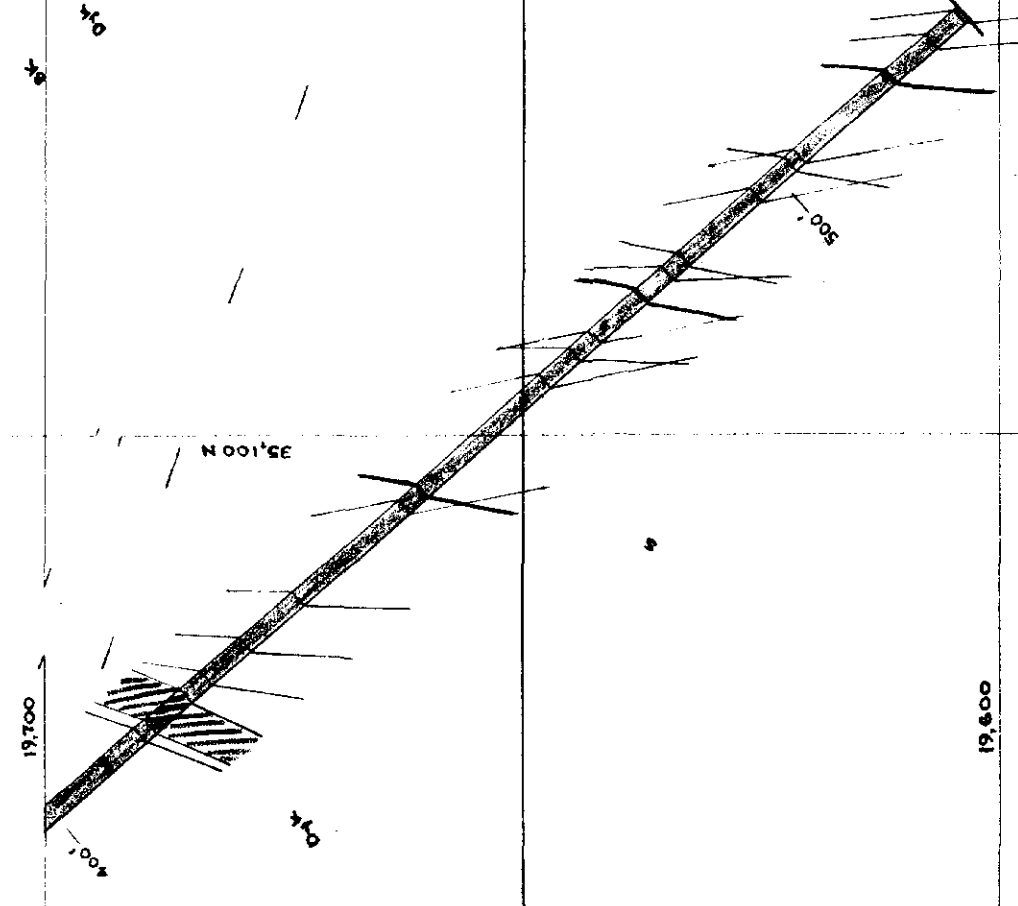
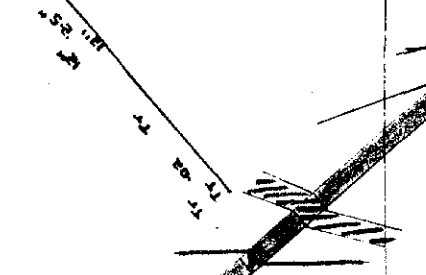
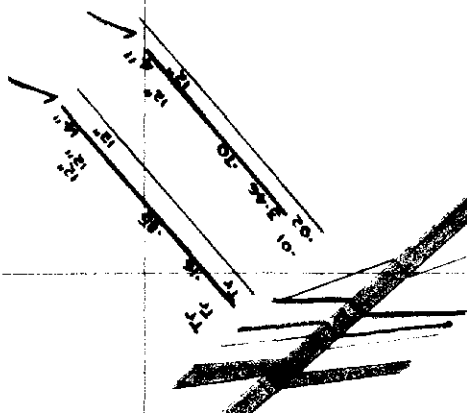
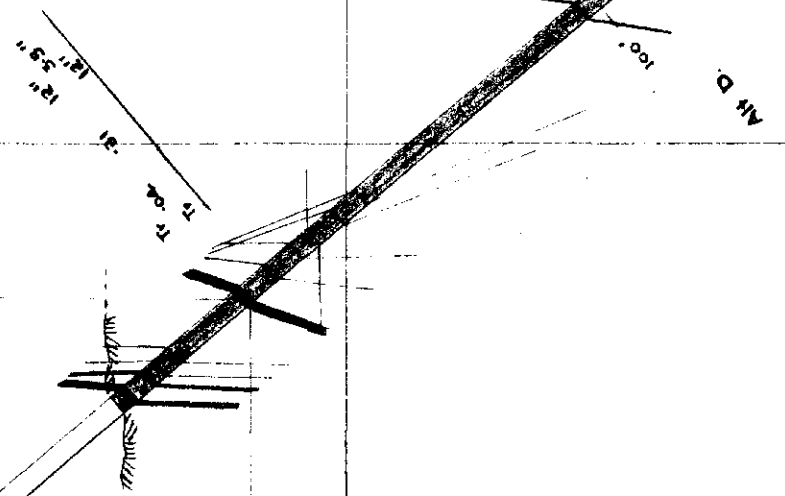
35,300N

19,900

19,800

19,700

19,600



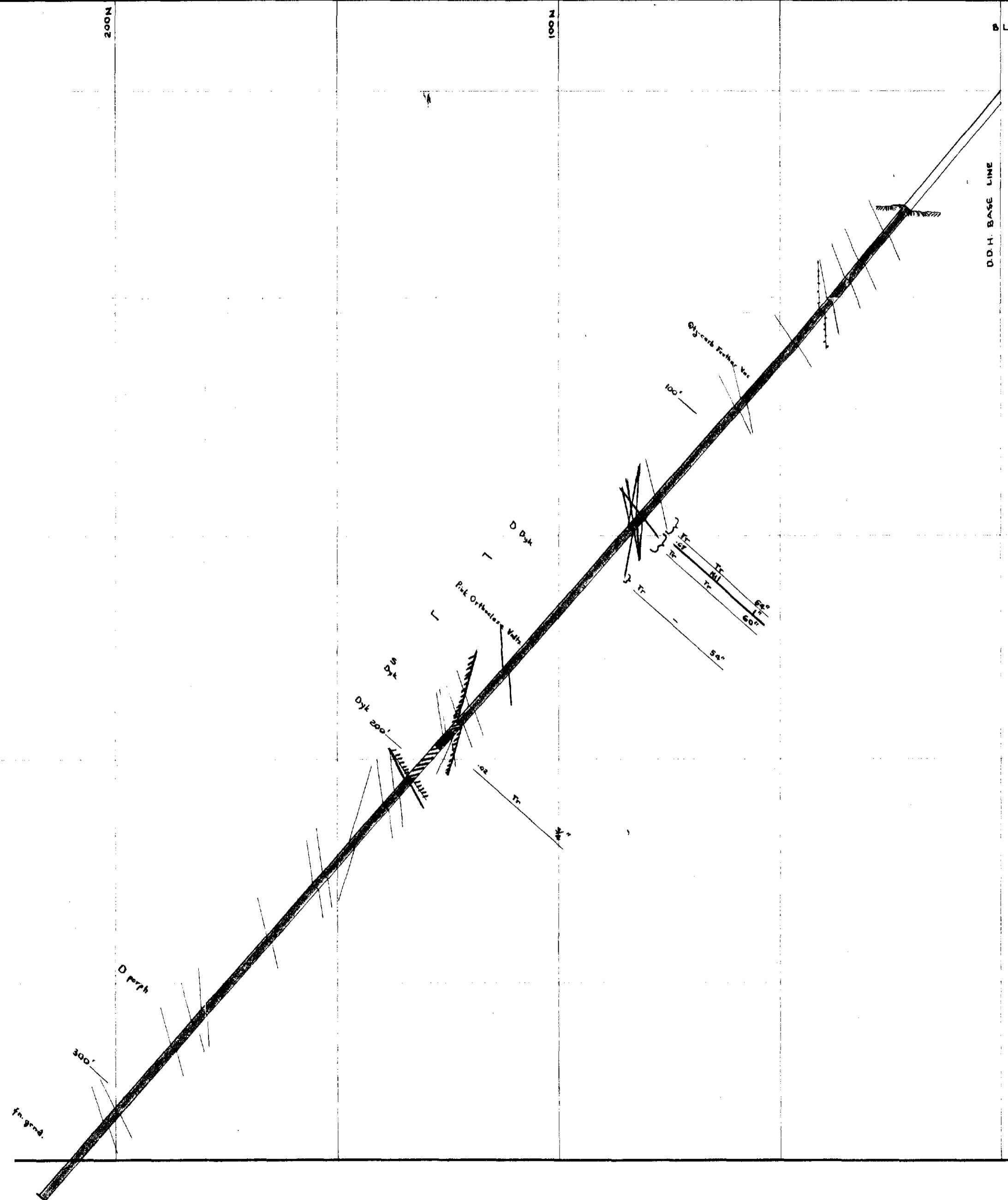
42801SE0069 17 HORWOOD

KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.
 LEFEVER OPTION
 D.D.H. # 1
 JANUARY 1960
 SCALE: 1 INCH = 20 FEET

Horwood #17

SECTION EAST (D.D.H. # S-3)

SWAMP LEVEL



KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONT.

LEFEVER OPTION
 D.D.H. # S-3
 FEBRUARY 1960
 SCALE: 1 INCH = 20 FEET



320

HORWOOD #17

FRT.

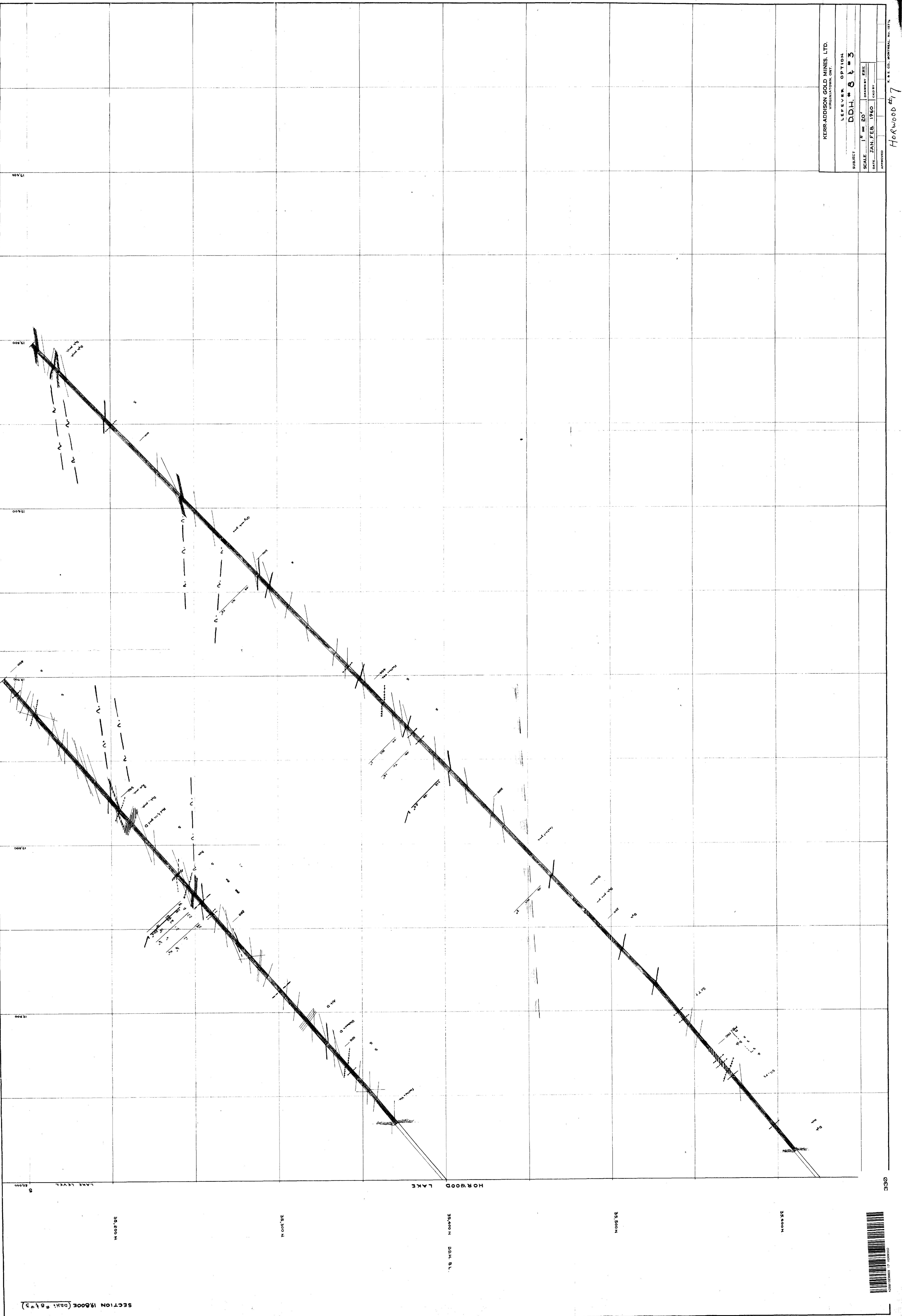
KERR-ADDISON GOLD MINES, LTD.
MONTREAL, QUEBEC, CANADA

SUBJECT: LEVEVE OPTION
DDH: 613

SCALE: 1" = 20'
DATE: JAN. FEB. 1960
DRAWN BY: ERL
CHECKED BY: [blank]

APPROVED: [blank] E. & S. CO., MONTREAL, NO. 1074

Horwood #7

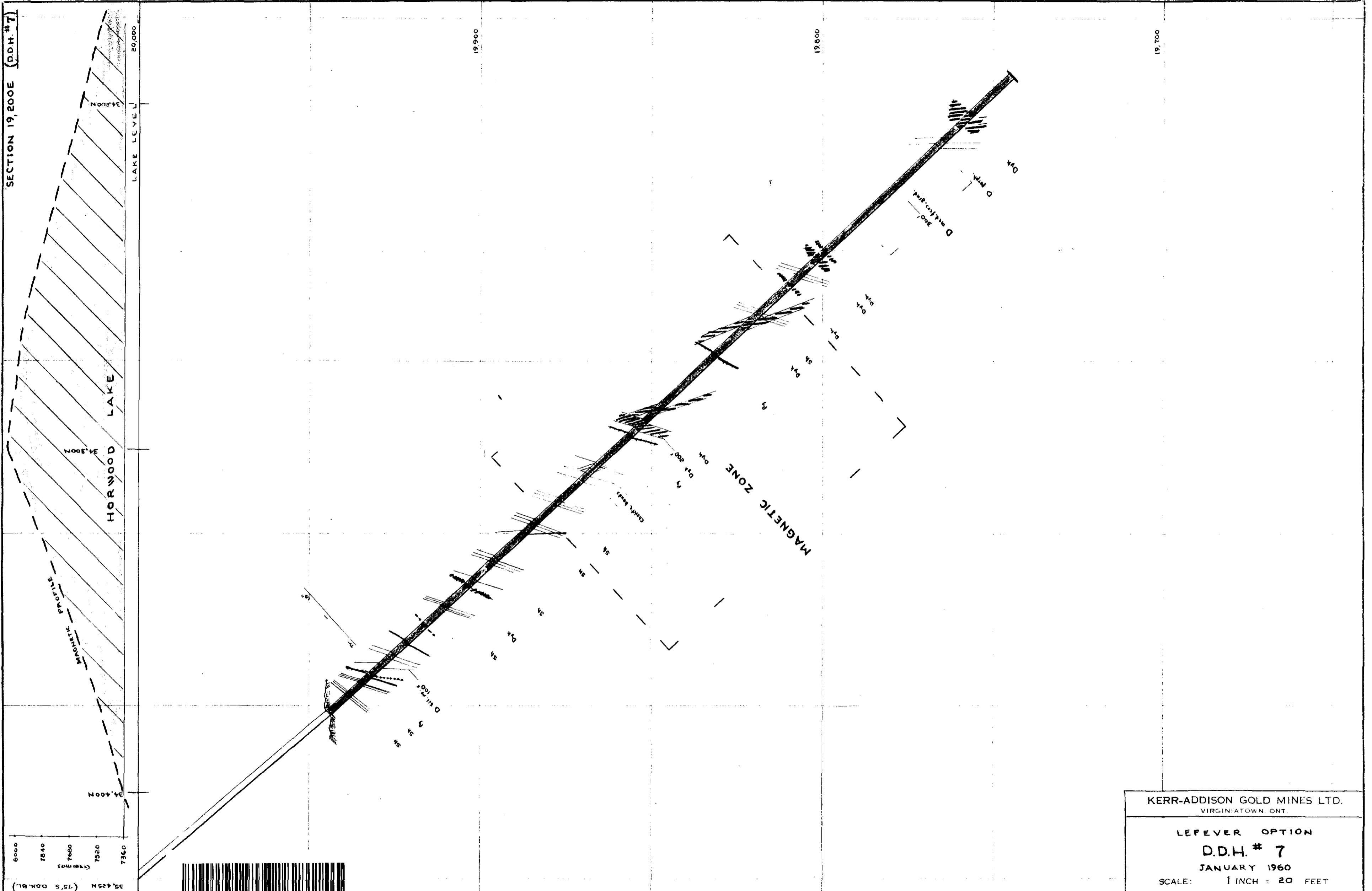


SECTION 19500E (D.H. # 613)



330

SECTION 19,200E (D.D.H. #7)



8000
7840
7680
7520
7360
35.25N (75'S. D.M.P.)

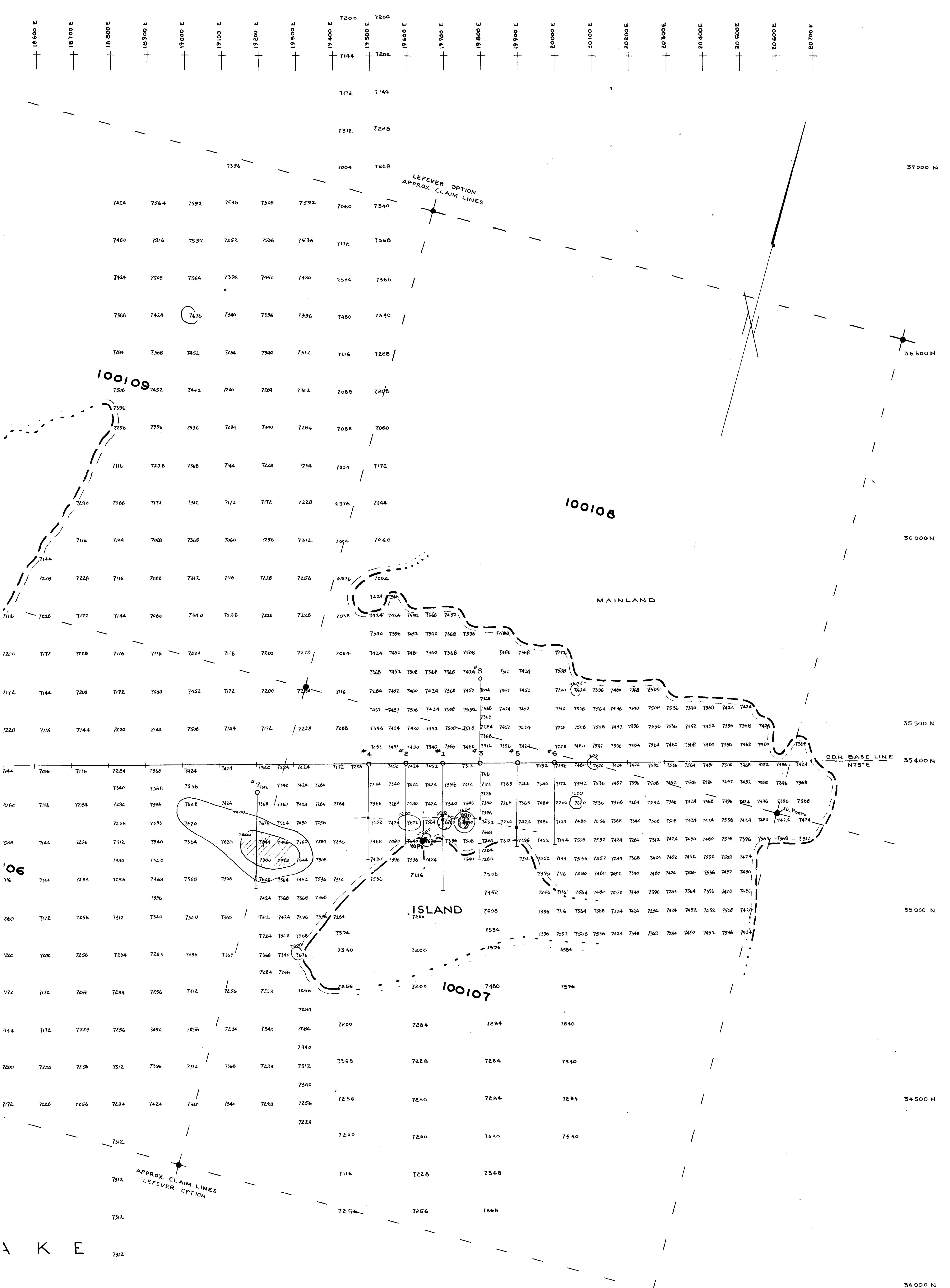


340

KERR-ADDISON GOLD MINES LTD.
VIRGINIATOWN, ONT.
LEFEVER OPTION
D.D.H. # 7
JANUARY 1960
SCALE: 1 INCH = 20 FEET

HORWOOD #17

FRT.



KERR-ADDISON GOLD MINES LTD.
 VIRGINIATOWN, ONTARIO
MAGNETOMETER SURVEY PLAN
 LAKE PORTION

LEFEVER OPTION & HORWOOD LAKE GROUP
 HORWOOD TWP, HORWOOD LAKE AREA, ONTARIO

SCALE · 1" = 100'

by
 F. P. TAGLIAMONTE, P.E.N.G.

JANUARY & FEBRUARY 1960

INSTRUMENT · SHARPE A-5 MAGNETOMETER

HORWOOD #17

MAP#4