

DIAMOND DRILL CORE LOG SHEET

Hole No. 270

Location Investigator 1 Elevation 379.79 Feet 15.26
 Final Depth 700 Feet 213.3 Co-Ords. 9858.91N, 401.29E 119.0
 Dip Vertical Bearing -
 Date Commenced 26/4/69 Date Completed 15/5/69

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	75' 22.4			No Core		
75'	118' 36.0	43'		<u>Volcanics</u> - fine to medium grained grey green rocks - oxidised in the upper 10 feet. 100' to 107' 1' Lost Core 107' to 111' 1' Lost Core		
118'	126' 38.4	8'		<u>Aplite</u> - medium grained oxidised aplite containing abundant molybdenite. SAMPLED 118' to 122' 4' 122' to 126' 4'	0.04 0.05	
5'	139' 42.4	13'		<u>Volcanics</u> - fine to medium grained grey green rocks.		
139'	195' 51.4	56'		<u>Shales/Quartzites</u> - fine grained black and grey rock, minor lost core. 150' to 160' 2' Lost Core 170' to 188' 3' Lost Core		
195'	221' 61.4	26'		<u>Volcanics</u> - fine grained green rock and a coarse fragmental rock.		
221'	254' 71.4	33'		<u>Shales/Hornfels</u> - fine grained grey black rock. Aplite 242' and at 243'.		
254'	263' 80.1	9'		<u>Aplite/Granite</u> - fine to medium grained cream rock.		
263'	278' 84.7	15'		<u>Shales/Hornfels</u> - fine grained grey black rock.		
278'	283' 86.2	5'		<u>Pyroxene Hornfels</u> - medium to coarse grained green rock with good disseminated scheelite. SAMPLED 278' to 283.55'	1.14	
283'	307'	24'		<u>Biotite Hornfels</u> - fine grained black rock spotted in part. Breccia at 290' to 298'.		
307'	322' 98.1	15'		<u>Banded Biotite/Pyroxene Hornfels</u> - fine grained hornfels with no scheelite.		
322'	333' 101.5	11'		<u>Breccia</u> - broken Biotite and Pyroxene Hornfels. 321' to 338' 3' Lost Core		
333'	338'	5'		<u>Pyroxene/Garnet/Calcite/Biotite Hornfels</u> Banded fine grained rock.		
338'	341'	3'		<u>Breccia</u> - Biotite/Pyroxene Hornfels		
341'	350' 106.7	9'		<u>Biotite/Pyroxene Hornfels</u> - fine grained banded rock.		
350'	352'	2'		<u>Volcanics</u> - fine grained green black mottled rock.		
352'	354'	2'		<u>Granite</u> - coarse grained granite dyke.		
354'	419' 127.1	65'		<u>Volcanics</u> - fine grained green black mottled rock.		

Elev. ft		Length		Description	Assay	
From	To	Run	Rec.		WC ₃	Mo
419'	428'	9'		<u>Brecciated Volcanics</u> - broken volcanic rock. 419' to 428' 3' Lost Core		
428'	433' 132.0	5'		<u>Volcanics</u> - fine grained green mottled rock.		
433'	435' 132.6	2'		<u>Biotite/Pyroxene Hornfels</u> - fine grained banded hornfels.		
435'	443.5' 135.2	8.5'		<u>Granite</u> :- fine to coarse grained granite dyke.		
443.5'	450.5' 137.3	7'		<u>Pyroxene/Biotite Hornfels</u> - some garnet bands in a fine grained banded hornfels.		
450.5'	464' 141.4	13.5'		<u>Calcite Hornfels</u> - fine to coarse grained grey rock. <u>SAMPLED</u>		
				443.5' to 447.5' 4'	0.36	
				447.5' to 450' 2.5'	0.16	
				450' to 453' 2'	0.38	
464'	473' 144.2	9'		<u>Breccia</u> - broken calcite rock. 464' to 473' 3' Lost Core		
473'	485' 147.8	12'		<u>Calcite Hornfels</u> :- with some Biotite Hornfels and Pyroxene Hornfels bands.		
485'	556' 169.5	71'		<u>Biotite/Pyroxene Hornfels</u> - some Pyroxene Garnet Hornfels like rock between 537' and 541'.		
556'	560' 170.1	4'		<u>Pyroxene Garnet Hornfels</u> - fine grained green rock with ovoids of calcite and grossularite.		
560'	575' 175.3	15'		<u>Garnet/Pyroxene/Garnet-Pyroxene Hornfels</u> - variable but not banded. Core rubbly and broken. <u>SAMPLED</u>		
				560' - 564' 4'	0.22	
				564' - 567' 2' (1' Lost Core)	0.32	
				567' - 570.5' 3.5' (6" " ")	1.06	
				570.5' - 574.5' 4'	0.70	
575'	578' 176.2	3'		<u>Pyroxene Garnet Hornfels</u> - fine grained green rock with coarse ovoids of calcite and garnet. <u>SAMPLED</u>		
				574.5' - 578.5' 2'	0.06	
578'	597' 182.0	19'		<u>Garnet Hornfels</u> /some pyroxene rich areas. <u>SAMPLED</u>		
				578.5' - 582.5' 4'	1.49	
				582.5' - 586.5' 4'	0.59	
				586.5' - 590.5' 4'	1.14	
				590.5' - 594.5' 4'	1.08	
597'	609' 185.6	12'		<u>Biotite/Pyroxene/Garnet Hornfels</u> : banded fine grained rock with very minor scheelite. <u>SAMPLED</u>		
				594.5' - 598.5' 4'	1.06	
				598.5' - 602' 3.5' (6" Lost Core)	1.50	
				602' - 605' 3' (1' " ")	1.25	
				605' - 609' 4'	0.49	

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
609'	644'	35'		<u>Biotite/Dyroxene Hornfels</u> - fine grained banded rock with minor garnet bands.		
644'	700'	66'		<u>Granite</u> - medium to coarse grained granite.		
<u>HOLE COMPLETED AT 700 FEET</u>						

DIAMOND DRILL LOG

270

Logged By L. Szabo

HOLE NO.	ELEVATIONS		Length	ASSAY		L X A	REMARKS
	Top	Bottom		NO ₂	Mo		
0276 270/1	118' ^{36.0}	122'	4'	0.04		0.16	
77/2	122' ^{37.2}	126' ^{38.4}	4'	0.05		0.20	
0345/3	278' ^{84.7}	283' ^{86.26}	5'	1.14		5.70	
6/4	443.5' ^{135.1}	447.5'	4'	0.36		1.44	B LENS
9/5	447.5' ^{136.4}	450'	2.5'	0.16		0.40	9.5' at
0348/6	450' ^{137.2}	453' ^{138.1}	3'	0.38		1.14	0.31 % WO ₃
0278 /7	560' ^{170.7}	564'	4'	0.22		0.88	
9/8	564' ^{171.9}	567'	3'	0.32		0.96	E LENS
0350/9	567' ^{172.8}	570.5'	3.5'	1.06		3.71	45' at
1/10	570.5' ^{173.9}	574.5'	4'	0.70		2.80	0.89 % WO ₃
2/11	574.5' ^{175.2}	578.5'	4'	0.06		0.24	
3/12	578.5' ^{176.3}	582.5'	4'	1.49		5.96	
4/13	582.5' ^{177.5}	586.5'	4'	0.59		2.36	
5/14	586.5' ^{178.8}	590.5'	4'	1.14		4.56	
6/15	590.5' ^{180.0}	594.5'	4'	1.08		4.32	
7/16	594.5' ^{181.2}	598.5'	4'	1.06		4.24	
0348/17	598' ^{182.4}	602'	3.5'	1.50		5.25	
9/18	602' ^{183.5}	605'	3'	1.25		3.75	
0350/19	605' ^{184.4}	609' ^{185.6}	4'	0.49		1.96	

CORE HOLE SURVEY RECORD

DATE: 16/5/69

HOLE No. 270 LOCATION Wrights Block - Bold Head

DEPTH	TIMES			DIP	BRG.	REMARKS
	SET	OFF	PULLED			

700'

213.4m.

10.06

10.51

11.06

77°

294°

NOT COMPLETED DUE TO CAVE IN AT 700 FEET

0 - 75'	No core	556 - 560	PGH skarn
75 - 118	UV	560 - 575	G-P-H-skarn
118 - 126	Ap	575 - 578	PGH skarn
126 - 139	UV	578 - 597	GH skarn
139 - 195	UV	597 - 609	B-P-G-H
193 - 221	UV	609 - 644	B-P-H
221 - 234	B Hornfels	644 - 700	Gran
254 - 264	AP		
263 - 278	BH		
278 - 283	Ph = gh skarn	EOH	
283 - 309	BH		
309 - 322	Banded B-Ph		
322 - 333	Breccia		
333 - 338	P-G-C-B h		
338 - 341	Breccia		
341 - 350	B-P H		
350 - 382	L V		
352 - 354	Gran		
354 - 419	LV		
419 - 428	Breccia zone		
428 - 433	LV		
433 - 345	B-P-H		
435 - 443.5	Gran		
443.5 - 450.5	BPH		
45-.5 - 464	Man		
464 - 473	Breccia		
474 - 485	Man		
485 - 556	B-P-H		

DDH 270

Fault 528' (160.93 m) bph chlorite?

Fault 554' (168.86 m) breccia

Fault 561' (170.99 m) bph/skarn chlorite zone.

DIAMOND DRILL CORE LOG SHEET

Hole No. 269

Location Investigator: I

Elevation 395.19 Feet ✓

Final Depth 593 Feet 1066 Ft. 324.9

Co-Ords. 9801.89N, 703.57E 120.45

Dip Vertical

Bearing - 123.74

Date Commenced 21/4/69

Date Completed 13/5/69

Logged: N. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	66' 20'			No Core		
66'	215' 65.5	149'		Quartzite - fine to medium grained grey rock oxidised fracture in upper zone. 87' to 90' Breccia? Much clay and chlorite. 117' to 122' 2' Lost Core 122' to 139' 4' Lost Core Fragmental rock at 122' to 128'. 138' - 155' 3' Lost Core 155' - 173' 3' Lost Core 173' - 182' 3' Lost Core 182' - 189' 1' Lost Core Some shale bands. 189' - 207' 2' Lost Core		
215'	227' 69.2	12'		Breccia - brecciated rock with variable grain size.		
227'	258' 78.6	31'		Quartzite - fine grained grey rock with minor shale band.		
258'	269' 82	11'		Aplite - fine grained cream rock.		
269'	331' 100.9	62'		Quartzite/Shale - fine grained banded grey black rock. 260' - 290' 8' Lost Core Below 290' some shale bands.		
331'	332' 101.2	1'		Biotite/Pyroxene Hornfels - fine grained slightly banded rock.		
332'	339' 103.3	7'		Pyroxene Hornfels - medium grained green rock with good scheelite as coarse and fine disseminated crystals. SAMPLED		
				332' - 335' 6" 3' 6"	0.44	
				335' 6" - 339' 3' 6"	4.60	
339'	367.5' 112.0	28.5'		Biotite Hornfels - some minor pyroxene bands and ovoids.		
367.5'	378.5' 115.4	11'		Pyroxene/Garnet Hornfels - fine grained green black rock with ovoids of coarse grained calcite with garnet rims.		
378.5'	385' 117.3	6.5'		Granite Dyke - medium grained cream granite.		
385'	403' 122.8	18'		Pyroxene/Garnet Hornfels - fine grained green black rock with coarse grained ovoids of calcite and garnet.		
403'	422' 128.6	19'		Pyroxene/Garnet Hornfels - coarse grained garnet rock with minor scheelite and abundant actinolite filling fractures. SAMPLED		
				403' to 407' 4'	0.50	
				407' to 411' 4'	0.21	
				411' to 414' 3'	0.38	
				414' to 418' 4'	0.08	
				418' to 422' 4'	0.13	

Footage		Length		Description	Assay	
From	To	Run	Res.		WO ₃	Mo
422'	439' 133.8	17'		<u>Pyroxene/Garnet Hornfels</u> - fine grained green rock with coarse ovoids of actinolite; quartz and some scheelite		
439'	443' 135.0	4'		<u>Pyroxene Hornfels</u> - fine grained green rock with good disseminated scheelite. <u>SAMPLED</u> 439' to 443' 4'	0.09	
443'	447' 136.2	4'		<u>Biotite Hornfels</u> - fine grained black rock.		
447'	458' 139.6	11'		<u>Pyroxene/Garnet Hornfels</u> - fine grained green rock with coarse patches of calcite and quartz.		
458'	542' 165.2	84'		<u>Garnet/Pyroxene Hornfels/</u> <u>Garnet Hornfels</u> - coarse grained green brown garnet rock with some pyroxene, actinolite and good scheelite. <u>SAMPLED</u> 457' 6" to 460' 6" 3' 460' 6" to 464' 3.5' 464' to 468' 4' 468' to 472' 4' 472' to 476' 4' 476' to 480' 4' 480' to 485' 5' 485' to 489' 4' 489' to 493' 4' 493' to 497' 4' 497' to 499' 6" 2.5' 499' 6" to 502' 2.5' 502' to 506' 4' 506' to 510' 4' 510' to 513' 3' 513' to 516' 3' 516' to 519' 3' 519' to 522' 3' 522' to 526' 4' 526' to 531.5' 5.5' 531.5' to 533.5' 3' 533.5' to 536.5' 3' 536.5' to 542' 5.5'	0.60 0.62 0.60 0.92 0.77 0.61 0.60 0.89 1.97 0.46 0.47 0.44 0.58 0.87 0.30 0.78 0.40 0.47 0.20 0.09 0.07 0.31 0.66	
542'	566' 172.5	24'		<u>Calcite Hornfels</u> - coarse to fine grained grey marble.		
566'	582' 176.8	16'		<u>Pyroxene Hornfels/Garnet Hornfels</u> - banded variable rock with some scheelite. <u>SAMPLED</u> 569.5' to 573.5' 4' 573.5' to 577.5' 4' 577.5' to 581.5' 4'	0.33 1.23 0.21	Lower B
582'	593' 180.7	11'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained hornfels.		

Hole reopened and drilled on at 580'.

HOLE COMPLETED AT 593 FEET

Elevation		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
580	633	192.9		Re-opened at 580 feet. Previously recorded depth (593 ft.) has to be corrected - <u>Biotite Hornfels</u> - Banded with minor pyroxene hornfels. 585-586 and 587-589 feet, interbedded metavolcanics. (Biotite-actinolite hornfels) 599-601 Wollastonite hornfels 613-630 the formation shows lower degree of contact alteration. The texture is rather quartzitic. 623-628 fragmental core (broken by drilling). From 630' downwards disseminated and patchy sulphide mineralisation. Minor scheelite mineralisation occurs at 582' - 2".		
633	669	203.9	36	<u>Biotite Hornfels</u> banded with pyroxene hornfels, disseminated with minor sulphide mineralisation. At 658.5 feet 1" scheelite mineralisation. Grossularite increases downwards. SAMPLED 667 - 669 2' 0.07 0.015		
669	675	205.7	6	<u>Pyroxene-garnet Hornfels</u> with minor inclusions of calcite. Good disseminated scheelite mineralisation. SAMPLED 669 - 671 2' 0.22 0.01 671 - 673 2' 0.35 0.01 673 - 675 2' 0.31 0.011		
675	681	207.6	6	<u>Quartz vein and garnet pyroxene hornfels</u> divided equally along an irregular vertical contact. Good scheelite and molybdenite mineralisation. SAMPLED 675 - 677 2' 0.06 0.015 677 - 679 2' 0.08 0.5 679 - 681 2' 0.14 0.010		
681	703.5	214.4	22.5	<u>Garnet-Pyroxene Hornfels</u> with scheelite mineralisation. SAMPLED 681 - 683 2' 0.12 0.01 683 - 685 2' 0.19 0.01 685 - 687 2' 0.15 0.01 687 - 689 2' 0.09 0.01 689 - 691 2' 0.23 0.01 691 - 693 2' 0.11 0.01 693 - 695 2' 0.08 0.015 695 - 697 2' 0.17 0.01 697 - 699 2' 0.20 0.01 699 - 701 2' 0.12 0.01 701 - 703 2' 0.07 0.01		
703.5	705	214.9	1.5	<u>Biotite Hornfels</u> SAMPLED 703 - 705 2' 0.08 0.010		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
705	707	2'		<u>Pyroxene Hornfels</u> <u>SAMPLED.</u> 705 - 707 2'	0.07	0.013
707	713 ^{217.3}	6		<u>Pyroxene-garnet hornfels</u> with calcite inclusions. <u>SAMPLED</u> 707 - 709 2' 709 - 711 2' 711 - 713 2'	0.03 0.08 0.21	<0.01 0.018 <0.01
713	719 ^{219.1}	6		<u>Garnet Pyroxene Hornfels</u> with scheelite mineralisation <u>SAMPLED</u> 713 - 715 2' 715 - 717 2' 717 - 719 2'	2.14 1.23 1.08	0.047 0.031 0.039
719	772.5 ^{235.4}	53.5		<u>Limestone</u> , bedded, impure, crystalline. Bedding dips at 24°. <u>SAMPLED</u> 719 - 720 1' 720 - 722 2' From 765' downwards interbedded pyroxene hornfels bands. From 768' downwards interbedded grossularite bands. Minor tungsten mineralisation at 733' 1" 760' 1" 764' 3" 767' 1" 772' 6"	0.01 0.01	<0.01 <0.01
772.5	800 ^{243.8} X	27.5		<u>Bedded Series, Biotite Hornfels</u> with interbedded <u>pyroxene hornfels</u> and minor impure crystalline limestone. Minor tungsten mineralisation at 784' 1" 792' 2"		
800	858 ^{261.5}	58		<u>Bedded Series, crystalline limestone</u> bedded with <u>pyroxene hornfels</u> and minor biotite hornfels. Some grossularite also occurs. Minor tungsten mineralisation at 815' 2"		
858	865 ^{263.6}	7		<u>Bedded Series, Biotite Hornfels</u> bedded with <u>pyroxene hornfels</u> . Minor tungsten mineralisation. <u>SAMPLED</u> 858 - 860 2' 860 - 862 2' 862 - 864 2'	0.09 0.15 0.07	0.016 0.010 0.014
865	867	2		<u>Biotite-Granite</u> - fine and medium grained.		
867	867.5	0.5		<u>Bedded Series, Biotite Hornfels</u> bedded with <u>Pyroxene Hornfels</u>		
867.5	871	3.5		<u>Biotite-Granite</u> , fine and medium grained.		
871	873	2		<u>Bedded Series, Biotite Hornfels</u> bedded with <u>pyroxene hornfels</u> .		

HOLE COMPLETED AT 1066 FEET

DIAMOND DRILL HOLE

269

Logged By: L. Szabo

SAMPLE	FOSSAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₂	No.		
0317 269/1	332.1 ^{10.2}	335.5'	3.5'	0.44		1.54	A/2 Lens
. 82	335.5'	339.1 ^{10.3}	3.5'	4.60		16.10	7 feet at 2.52 % WO ₂
9/3	403.1 ^{10.8}	407'	4'	0.50		2.00	Upper B LENS
0319/4	407.1 ^{10.4}	411'	4'	0.21		0.84	11' at
21/5	411'	414.1 ^{10.2}	3'	0.38		1.14	0.36 % WO ₂
0269/6	414.1 ^{10.2}	418'	4'	0.08		0.32	
70/7	418'	422'	4'	0.13		0.52	
71/8	439.1 ^{13.8}	443'	4'	0.09		0.36	
0322/9	457.5'	460.5'	3'	0.60		1.80	B LENS
3/10	460.5'	464.0'	3.5'	0.62		2.17	
4/11	464.0'	468'	4'	0.60		2.40	
5/12	468'	472'	4'	0.92		3.68	
6/13	472'	476'	4'	0.77		3.08	
7/14	476'	480'	4'	0.61		2.44	
8/15	480'	485'	5'	0.60		3.00	
9/16	485'	489'	4'	0.89		3.56	
0339/17	489'	493'	4'	1.97		7.88	
1/18	493'	497'	4'	0.46		1.84	
2/19	497'	499.5'	2.5'	0.47		1.18	
3/20	499.5'	502'	2.5'	0.44		1.10	
4/21	502'	506'	4'	0.58		2.32	
5/22	506'	510'	4'	0.87		3.48	
6/23	510'	513'	3'	0.30		0.90	
7/24	513'	516'	3'	0.78		2.34	
8/25	516'	519'	3'	0.40		1.20	
9/26	519'	522'	3'	0.47		1.41	
72/27	522'	526'	4'	0.20		0.80	
73/28	526'	531.5'	5.5'	0.09		0.50	
74/29	531.5'	533.5'	2'	0.07		0.14	
0340/30	533.5'	536.5'	3'	0.31		0.93	
1/31	536.5'	542'	5.5'	0.66		3.63	

DIAMOND DRILL LOGS 269

Logged By: L. Szabo

DEPTH	RODLOGS			ASSAY		L X A	REMARKS
	From	To	Length	Fe ₂	Mo		
0342 269/32	569.5'	573.5'	4'	0.33		1.32	8' at 0.78% - B lower
3/33	573.5'	577.5'	4'	1.23		4.92	
2/34 Q0275	577.5'	581.5'	4'	0.21		0.84	

Continued on page 3

Logged by L. Szabo

FOOTWALL			ASSAY			EXPLANES	
Sample	Loc	Length	VO ₂	Mo			
A0380	667 203-3	669	2 } .14	0.07	0.015	0.14	No: 0.0' C/1 Lens from 671' to 675' 4' at 0.33% WO ₃
81	669 203-9	671	2 }	0.22	<0.01	0.44	
82	671 204-5	673	2 } .33	0.35	<0.01	0.70	
83	673 205-1	675	2 }	0.31	0.011	0.62	
84	675 205-7	677	2 } .07	0.06	0.015	0.12	2' at 0.5% Mo
85	677 206-3	679	2 }	0.08	0.5	0.16	
86	679 206-9	681	2 } .13	0.14	0.010	0.28	
87	681 207-6	683	2 }	0.12	<0.01	0.24	
88	683 208-2	685	2 } .17	0.19	<0.01	0.38	
89	685 208-8	687	2 }	0.15	<0.01	0.30	
90	687 209-4	689	2 } .16	0.09	<0.01	0.18	
91	689 210-0	691	2 }	0.23	<0.01	0.46	
92	691 210-6	693	2 } .10	0.11	<0.01	0.22	
93	693 211-2	695	2 }	0.08	0.015	0.16	
94	695 211-8	697	2 } .19	0.17	<0.01	0.34	
95	697 212-4	699	2 }	0.20	<0.01	0.40	
96	699 213-0	701	2 } .10	0.12	<0.01	0.24	
97	701 213-7	703	2 }	0.07	<0.01	0.14	
98	703 214-3	705	2 } .07	0.08	0.010	0.16	
99	705 214-9	707	2 }	0.07	0.013	0.14	
A0400	707 215-5	709	2 } .05	0.03	<0.01	0.06	No: 0.039 C/2 Lens from 713' to 719' 6' at 1.483% WO ₃
1	709 216-1	711	2 }	0.08	0.018	0.16	
2	711 216-7	713	2	0.21	<0.01	0.42	
3	713 217-3	715	2	2.14	0.047	4.28	
4	715 217-9	717	2 } 1.16	1.23	0.031	2.46	
5	717 218-5	719	2 }	1.08	0.039	2.16	
6	719 219-1	720	1 } .04	0.10	<0.01	0.10	
7	720 219-4	722	2 }	0.01	<0.01	0.02	
A0436	858 261-5	860	2 }	0.09	0.016	0.18	
37	860 262-1	862	2 } .10	0.15	0.010	0.30	
38	862 262-7	864 263-3	2 }	0.07	0.014	0.14	
39	950 284-6	952	2	0.06	<0.01	0.12	
40	952 290-2	953	1 }	0.38	0.024	0.38	Footwall/1 Lens from 952' to 955' 3' at 0.496% WO ₃ No: 0.024
41	953 290-5	954	1 } .50	0.08	0.014	0.08	
42	954 290-8	955	1 }	1.03	0.033	1.03	

No: 0.024

STATIONARY DEPTH NO. 269 (Re-Opened)

Logged By

L. Szabo

STATION	SOUNDINGS			ASSAY		T A	REMARKS
	Feet	Log ft.	Depth	NO ₂	Mo		
A0443	955 291.1	957	2	0.09	0.019	0.18	Footwall 1/2 Lens from 961 to 964'. 3' at 0.323% WO ₃ 0.014% Mo
44	957 291.7	959	2 } .10	0.08	0.011	0.16	
45	959 292.3	961	2 } .32	0.15	0.013	0.30	
46	961 292.9	963	2 } .32	0.26	0.013	0.52	
47	963 293.5	964	1 } .32	0.45	0.015	0.45	
48	964 293.6	966	2 } .14	0.19	0.013	0.38	
49	966 294.4	968 295.0	2 } .14	0.09	0.01	0.18	
A0450	983 299.6	985	2	0.09	0.022	0.18	
51	985 300.2	986	1	1.02	0.022	1.02	
52	986 300.5	988 301.1	2	0.12	0.012	0.24	

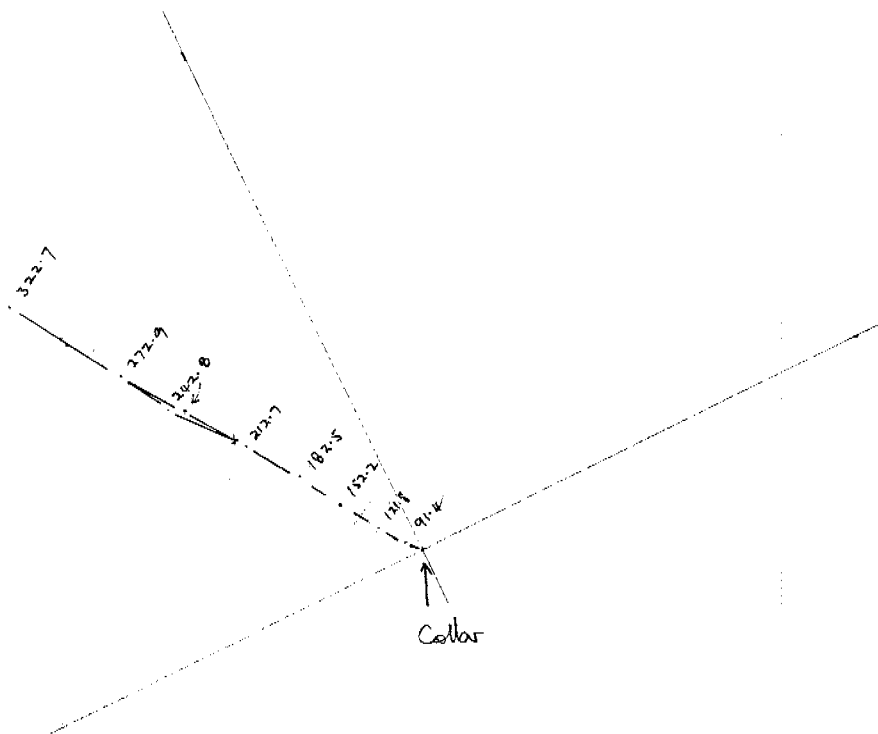
DDM 269

Scale 1:500

Plan view

Total depth : 1066' 324.92 m

surveyed to : 1066' 324.92 m



DDH 269. (1)

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16	
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Co-ordinate Difference				Rectangular Difference			
												N	S	E	W	N	S	E	W
20	20	0° 30'	1.0000 .0087	.0087	20.000	20.000	0.174	S 37° E	.7986 .6018	.2534			0.139	0.105			0.139	0.105	
40	20	0° 30'			20.000	40.000	0.174	S 14° E	.9703 .2417	.2493			0.169	0.042			0.308	0.147	
60	20	0° 15'	1.0000 .0044	.0044	20.000	60.000	0.088	S 85° W	.0872 .9962	.0875			0.008		0.088		0.316	0.059	
80	20	0° 15'			20.000	80.000	0.088	S 45° W	.7071 .7071	1.0000			0.062		0.062		0.378		0.003
100	X 20	0° 15'			20.000	* 30.48 100.000	0.088	S 48° W	.6691 .7431	.9004			0.059		0.065		X 0.437 ^{.13}		* 0.068 ^{.0}
120	20	0° 15'			20.000	120.000	0.088	N 87° W	.0523 .9986	.0524		0.005			0.088		0.432		0.156
140	20	0° 30'	1.0000 .0087	.0087	20.000	140.000	0.174	N 56° W	.5592 .8290	.6745		0.097			0.144		0.335		0.300
160	20	0° 45'	.9999 .0131	.0131	19.998	159.998	0.262	N 54° W	.5878 .8090	.7265		0.154			0.212		0.181		0.512
180	20	1°	.9998 .0175	.0175	19.996	179.994	0.350	N 53° W	.6018 .7986	.7536		0.211			0.280	0.030			0.792
200	X 20	1°			19.996	* 60.96 199.990	0.350	N 52° W	.5446 .8387	.6494		0.191			0.294	* 0.221 ^{.09}			* 1.086 ^{.33}
220	20	1° 15'	.9998 .0218	.0218	19.996	219.986	0.436	N 60° W	.5000 .8660	.5774		0.248			0.386	0.439			1.472
240	20	1° 15'			19.996	239.982	0.436	N 62° W	.4695 .8829	.5317		0.205			0.385	0.644			1.857
260	20	1° 30'	.9997 .0262	.0262	19.994	259.976	0.524	N 66° W	.4067 .9135	.4452		0.213			0.479	0.857			2.336
280	20	1° 45'	.9995 .0305	.0305	19.990	279.966	0.610	N 70° W	.3420 .9377	.3640		0.209			0.573	1.066			2.909
300	X 20	2° 15'	.9992 .0393	.0393	19.984	* 91.42 299.950	0.786	N 62° W	.4695 .8829	.5317		0.369			0.694	* 1.435 ^{.44}			* 3.603 ^{.10}
320	20	2° 30'	.9990 .0436	.0437	19.980	319.930	0.926	N 63° W	.4540 .8910	.5075		0.420			0.825	1.855			4.428
340	20	3° 15'	.9984 .0567	.0568	19.968	339.898	1.134	N 64° W	.4384 .8988	.4877		0.447			1.019	2.352			5.447
360	20	4° 15'	.9973 .0741	.0743	19.946	359.844	1.486	N 64° W				0.651			1.336	3.003			6.783
380	20	5°	.9962 .0875	.0875	19.924	379.768	1.744	N 66° W	.4067 .9135	.4452		0.709			1.593	3.712			8.376
400	X 20	5° 15'	.9958 .0915	.0919	19.916	* 121.82 399.684	1.830	N 63° W	.4540 .8910	.5075		0.831			1.631	* 4.543 ^{.38}			* 10.007 ^{.05}
420	20	5° 15'			19.916	419.600	1.830	N 62° W	.4695 .8829	.5317		0.859			1.616	5.402			11.623
440	20	5° 15'			19.916	439.516	1.830	N 58° W	.5299 .8480	.6249		0.970			1.552	6.372			13.175
460	20	5° 30'	.9954 .0958	.0963	19.908	459.424	1.916	N 58° W				1.014			1.625	7.386			14.800
480	20	5° 30'			19.908	479.332	1.916	N 54° W	.5878 .8090	.7265		1.126			1.550	8.512			16.350
500	X 20	5° 30'			19.908	* 152.17 499.240	1.916	N 54° W				1.126			1.550	* 9.638 ^{.294}			* 17.900 ^{.545}
520	20	5° 45'	.9950 .1002	.1007	19.900	519.140	2.004	N 53° W	.6018 .7986	.7536		1.206			1.600	10.844			19.500
540	20	5° 45'			19.900	539.040	2.004	N 53° W				1.206			1.600	12.050			21.100
560	20	5° 45'			19.900	558.940	2.004	N 54° W	.5878 .8090	.7265		1.178			1.621	13.228			22.721
580	20	6°	.9945 .1045	.1051	19.890	578.830	2.090	N 54° W				1.229			1.691	14.457			24.412

DDH 269 (2)

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

DDH 269/2

1	2	3	4	5	6	7	8	9	10	11	12
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Defl ti
600	X 20	6°30'	.9936 .1132	.1135	19.872	* 182.48 598.702	2.264	N 58° W	.5299 .8480	.6249	
620	20	7°15'	.9920 .1262	.1272	19.840	618.542	2.524	N 60° W	.5000 .8660	.5774	
640	20	7°30'	.9914 .1305	.1317	19.822	638.370	2.610	N 58° W	.5299 .8480	.6249	
660	20	8°15'	.9897 .1435	.1450	19.794	658.164	2.870	N 63° W	.4540 .8910	.5075	
680	20	8°30'	.9890 .1478	.1495	19.780	677.944	2.956	N 63° W			
700	X 20	8°15'	.9897 .1435	.1450	19.794	* 212.67 697.732	2.870	N 64° W	.4384 .8928	.4877	
720	20	8°30'	.9890 .1478	.1495	19.780	717.512	2.956	N 63° W	.4540 .8910	.5075	
740	20	8°30'			19.780	737.298	2.956	N 61° W	.4848 .8746	.5543	
760	20	8°30'			19.780	757.078	2.956	N 63° W	.4540 .8910	.5075	
780	20	9°	.9877 .1564	.1584	19.754	776.832	3.128	N 62° W	.4695 .8829	.5317	
800	X 20	9°			19.754	* 212.8 796.586	3.128	N 60° W	.5000 .8660	.5774	
820	20	9°15'	.9870 .1607	.1629	19.740	816.326	3.214	N 62° W	.4695 .8829	.5317	
840	20	9°15'			19.740	836.066	3.214	N 59° W	.5150 .8572	.6009	
860	20	9°30'	.9863 .1650	.1673	19.726	855.792	3.300	N 62° W	.4695 .8829	.5317	
880	20	9°30'			19.726	875.512	3.300	N 59° W	.5150 .8572	.6009	
900	X 20	9°30'			19.726	* 212.87 895.244	3.300	N 62° W	.4695 .8829	.5317	
920	20	9°30'			19.726	914.970	3.300	N 60° W	.5000 .8660	.5774	
940	20	9°45'	.9856 .1693	.1718	19.712	934.682	3.386	N 61° W	.4848 .8746	.5543	
960	20	9°45'			19.712	954.394	3.386	N 58° W	.5299 .8480	.6249	
980	20	10°	.9848 .1736	.1763	19.696	974.090	3.472	N 61° W	.4848 .8746	.5543	
1000	X 20	10°			19.696	* 212.87 993.786	3.472	N 58° W	.5299 .8480	.6249	
1020	20	10°15'	.9840 .1779	.1802	19.680	1013.466	3.558	N 58° W			
1066	46	10°30'	.9833 .1822	.1853	45.232	1058.698	8.381	N 302° W			

13		14		15		16	
Co-ordinate Difference				Rectangular Difference			
N	S	E	W	N	S	E	W
1.200			1.920	* 4.77 15.657			* 8.02 26.332
1.262			2.186	16.919			28.518
1.383			2.213	18.302			30.731
1.258			2.580	19.560			33.211
1.342			2.634	20.902			35.945
1.258			2.580	* 6.75 22.165			* 11.74 38.525
1.342			2.634	23.502			41.159
1.433			2.585	24.935			43.744
1.342			2.634	26.277			46.370
1.469			2.762	27.726			49.140
1.564			2.709	* 8.93 29.318			* 15.86 51.849
1.509			2.838	30.819			54.687
1.655			1.887	32.474			56.574
1.549			2.914	34.023			59.488
1.700			2.829	35.723			62.317
1.549			2.914	* 11.56 37.272			* 19.88 65.231
1.650			2.858	38.922			68.089
1.642			2.961	40.564			71.050
1.794			2.871	42.358			73.921
1.683			3.037	44.041			76.958
1.840			2.944	* 45.881			* 79.902
1.885			3.017	47.766			82.919
4.441			7.107	15.90 52.207			* 27.40 90.026

DDH 269 (3)

EASTMAN MULTISHOT DRILL HOLE SURVEY

EASTMAN MULTISHOT DRILL HOLE SURVEY

DDH 269/3.

CALCULATION SHEET NO. 1

CALCULATION SHEET NO. 2

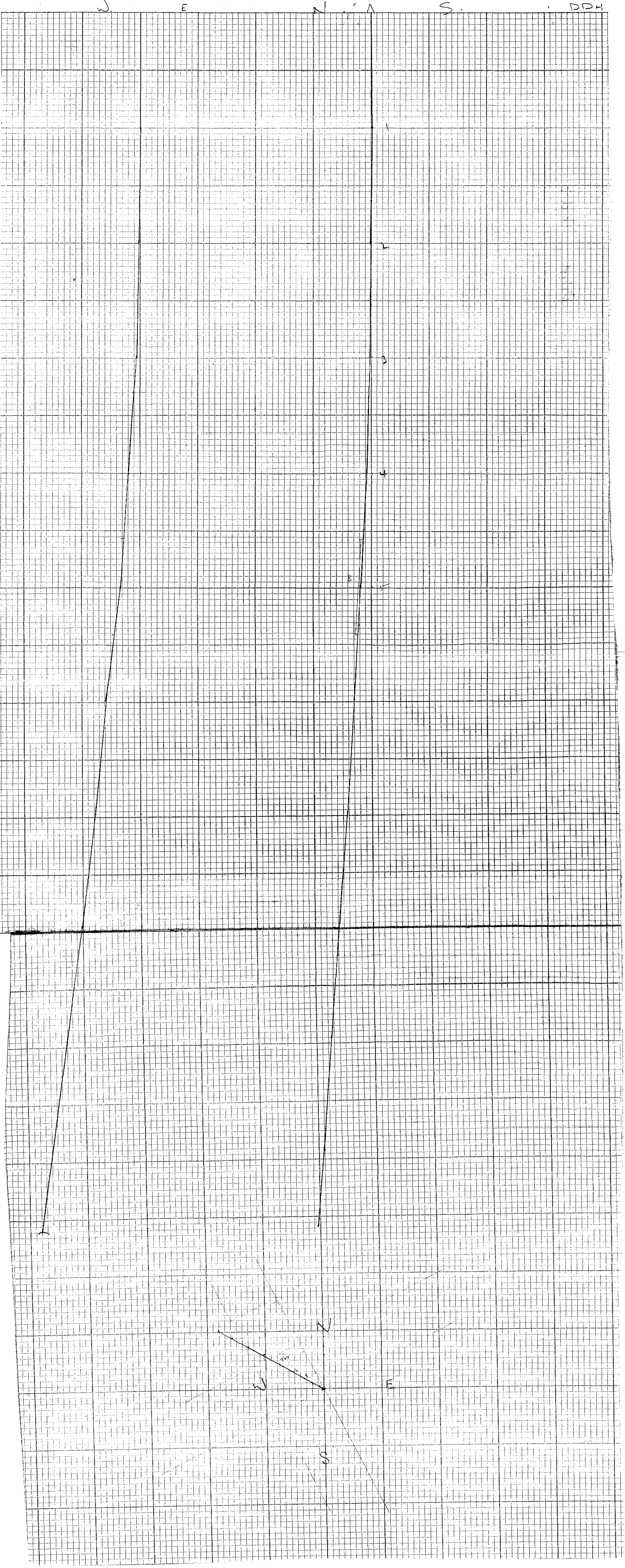
1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16		
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Co-ordinate Difference				Rectangular Difference				
												N	S	E	W	N	S	E	W	
A/2 Lens Arm 332 to 339 ft.																				
320						319.930										1.855		4.428		
332	12	3°15'	0.9984 0.0567	0.0562	11.981	331.911	0.680	N 64°W	0.4384 0.8988	0.4877		0.298			0.612	2.153		5.040		
339	7	3°15'			6.989	338.900	0.397	N 64°W				0.174			0.357	2.327		5.397		
B/1 Lens Arm 403 to 414 ft.																				
400						399.684										5.402		10.007		
403	3	5°15'	0.9958 0.0915	0.0919	2.987	402.671	0.275	N 62°W	0.4675 0.8829	0.5317		0.129			0.242	5.531		10.249		
414	11	5°15'			10.954	413.625	1.007	N 62°W				0.473			0.889	6.004		11.138		
B/2 Lens 457.5 - 542																				
440						439.516										6.372		13.175		
457.5	17.5	5°30'	0.9954 0.0950	0.0963	17.420	456.936	1.677	N 58°W	0.5299 0.8480	0.6249		0.888			1.422	7.260		14.597		
540						539.040										12.050		21.100		
542	2	5°45'	0.9950 0.1002	0.1007	1.990	541.030	0.200	N 53°W	0.6018 0.7986	0.7535		0.121			0.160	12.171		21.260		
B/3 Lens 569.5 - 577.5 ft.																				
560						558.940										13.228		22.721		
569.5	9.5	6°	0.9945 0.1045	0.1051	9.448	568.388	0.993	N 54°W	0.5878 0.8090	0.7265		0.584			0.803	13.812		23.524		
577.5	80	6°			7.956	576.344	0.836	N 54°W				0.491			0.676	14.303		24.200		
C/1 Lens 671 - 675 ft. & Molybdenum 677 - 679 ft. X																				
660						658.164										19.560		32.311		
671	11	8°30'	0.9890 0.1478	0.1475	10.879	669.043	1.626	N 63°W	0.4540 0.8910	0.5095		0.738			1.449	20.298		34.760		
675	4	"			3.956	672.999	0.591	"				0.268			0.527	20.566		35.287		
677	2	"			1.978	674.977	0.296	"				0.134			0.263	20.700		35.550		
679	2	"			1.978	676.955	0.296	"				0.134			0.263	20.834		35.813		

W₃M₀

CALCULATION SHEET NO. 2

1	2	3	4	5	6	7	8	9	10	11	12
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Drift
	Granite		at	1014.5 ft							
1000						993.786					
1014.5	14.5	10°15'	0.9840 0.1779	0.1802	14.262	1008.054	2.580	N 58° W	0.5299 0.8480	0.6249	
						1013.478					
					0.033	1013.50					
						395.19					
						-618.31					
						796.526					
					11.532	802.124					
						395.19					
						-412.93					
	C/2 lens		713' - 719'								
700						697.738					
713	13	8°30'	0.9890 0.1472	0.1495	12.857	710.595	1.921	N 63° W	0.4540 0.8910	0.5095	
719	6	"	"	"	5.934	716.529	0.887	"	"	"	
	Fordwell / 1 lens		952' - 955'								
940-952	12	9°45'	0.9856 0.1693		11.827	946.509	2.022	N 58° W	0.5299 0.8480		
955	3	"	"		2.957	949.466	0.508	"	"		
					946.51 395.19 -551.32	949.47 395.19 -554.28					
	Fordwell / 2 lens		961' - 964'								
960						954.374					
961	1	10°	0.9848 0.1736		0.985	955.379	0.174	N 61° W	0.4840 0.8746		
964	3	"	"		2.954	958.333	0.521	"	"		
					955.38 395.19 -560.19	958.33 395.19 -563.14					

[illegible]



GEOFFCO LIMITED

BORE HOLE SURVEY RECORD Tropari Survey

DATE: 14/5/69

HOLE No. 269

LOCATION

Wrights Block - Bold Head

TIMES

DEPTH	SET	OFF	PULLED	DIP	BRA.	REMARKS
590'	1.35	2.10	2.20	84°	306°	
300'	2.30	3.05	3.15	89°	89°	
450'	3.30	3.55	4.05	86°	79°	

DIAMOND DRILL HOLE NO. 268

RE-OPENED HOLE

LOCATION:

No. 3 Orebody

CO-ORDINATES:

Old - 352.63E: 100050.18N

New - 351.3E: 100050.4 N

R.L.:

376.5 Feet

114.8 m
3.3

DATE COMMENCED:

8th April, 1969.

Reopened

16th March, 1970.

118.1 m

DATE COMPLETED:

17th April, 1969.

25th March, 1970.

FINAL DEPTH:

348 Feet

677 Feet

DATE SURVEYED:

-

LOGGED BY:

L. Szabo

From Re-Opening

P. Le Messurier

314.0

SAMPLE NO.	DISTANCE		LENGTH SAMPLED	LENGTH RECOVERED	ASSAYS	
	FROM	TO			WO ₃	Mo
	385.5	395.7 120%	10.2	9.8		
	395.7	398 121.3	2.3	2.3		
A1720	398	400	2	2	0.18	0.035
A1721	400	402	2	2	0.97	0.084
A1722	402	403.5	1.5	1.5	0.10	0.012
A1723	403.5	405	1.5	1.5	0.73	0.050
A1724	405	4.7	2	2	0.04	0.013
A1725	407	408	1	1	0.02	
A1726	408	410	2	2	0.96	0.068
A1727	410	411	1	1	0.32	0.036
A1728	411	415	4	4	0.05	0.017
A1729	415	416	1	1	0.09	0.025
A1730	416	417	1	1	0.30	0.029
A1731	417	419	2	2	0.03	
A1732	419	421	2	2	0.06	0.022
	421	440	19	19		
	440 134.1	452 137.8	12	10		
	452	507	55	46		
	507 154.5	512 156.0	5	5		

GRANITE 385.5 - 395.7

PYROXENE HORNFELS

B LENS HORIZON

BIOTITE/PYROXENE HORNFELS 440' - 507'

PYROXENE/GARNET HORNFELS 507' - 515.5'

chlorite, pyroxene and feldspar, remnant porphyritic texture well preserved in some sections.

GRANITE, medium and coarse grained granite with porphyritic orthoclase to 1" in part. 1' zone of included and altered pyroxene hornfels and skarn 1' from top. Granite contains many biotite rich mafic bands and is generally more mafic than observed elsewhere in this area.

PYROXENE HORNFELS - thinly bedded in part with minor biotite and garnet bands, granite veins to 3", very limey towards base.

SKARN, PYROXENE HORNFELS & CALCITE HORNFELS - generally interbedded and intermixed, disseminated scheelite throughout increasing in abundance in skarn bands.

Ch Recrystallised limestone, mid-grey poorly banded with some minor pyroxene and garnet rich bands, many irregular calcite veinings.

BIOTITE/PYROXENE HORNFELS, irregularly banded, fine grained, very strongly brecciated with numerous veins of carbonate, quartz and clinohumite.

BIOTITE/PYROXENE HORNFELS - fine grained irregularly banded, irregular calcite veins. Aplite 468.5' shows assimilation and retexturing features in adjacent hornfels. From 487' to 495' some irregular calcite bands and blebs with alteration rims (closely related to PGH). Clayey weathered joint 498' - 505'. No core recovered.

PYROXENE/GARNET HORNFELS - fine grained pyroxene

Sample No.	Distance	Depth	Length	Width	WO ₃	Mo
A1778	512	514	2	2	0.05	0.025
A1779	514	515.5	1.5	1.5	0.06	0.037
A1780	515.5	517	1.5	1.5	0.79	0.035
A1781	517	519	2	2	1.13	0.034
A1782	519	521	2	2	1.18	0.035
A1783	521	523	2	2	1.07	0.030
A1784	523	525	2	2	1.82	0.038
A1785	525	527	2	2	1.34	0.021
A1786	527	529	2	2	1.05	0.028
A1787	529	531	2	2	0.36	0.014
A1788	531	533	2	2	0.48	0.028
A1789	533	535	2	2	0.49	0.026
A1790	535	537	2	2	0.55	0.033
A1791	537	539	2	2	0.19	(0.01
A1792	539	541	2	2	0.33	(0.01
A1793	541	543	2	2	0.10	(0.01
A1794	543	545	2	2	0.22	(0.01
A1795	545	547	2	2	0.13	(0.01
A1796	547	549	2	2	0.27	(0.01
A1797	549	551	2	2	0.13	(0.01
A1798	551	553	2	2	0.13	(0.01
A1799	553	555	2	2	0.24	(0.01
A1800	555	557	2	2	0.19	(0.01
A1801	557	559	2	2	0.21	(0.01
A1802	559	561	2	2	0.42	(0.01
A1803	561	563	2	2	0.37	(0.01
A1804	563	565	2	2	0.52	(0.01
A1805	565	567	2	2	0.52	(0.01
A1806	567	569	2	2	0.28	(0.01
A1807	569	571	2	2	0.13	(0.01
A1808	571	573	2	2	0.07	(0.01
A1809	573	575	2	2	0.05	(0.01
A1810	575	577	2		0.08	0.019
A1811	577	579	2		0.08	0.023
	579	579.7	.7			
	579.7	677	97.3			

HOLE COMPLETE

SKARN 515.5'-575'
(51.1 175.3

C LENS
to

hornfels with biotite and calcareous zones, many irregular calcite ovoids up to 2" with irregular garnet and pyroxene reaction rims. Minor scheelite.

SKARN - medium grained pyroxene garnet calcite skarn, pyroxene/garnet ratio 5/3 disseminated scheelite throughout, increasing in grain size and percentage in coarser calcite.

SKARN, fine and medium grained very patchy showing with PGH, irregular patches of calcite in a fine siliceous and pyroxene rich groundmass.

Disseminated generally coarse grained scheelite throughout.

SKARN - pyroxene rich with calcite and garnet major accessories, many carbonate and chlorite veins, disseminated coarse grained scheelite throughout.

BIOTITE/PYROXENE
HORNFELS 575'-
579.7'
175.3 176.7

BIOTITE/PYROXENE HORNFELS, poorly banded, generally fractured and altered, clayey veinlets and joint coolings.

GRANITE 579.7'-
677'
176.7

GRANITE medium to coarse grained porphyritic orthoclase gneiss with a number of fine grained mafic rich zones (major xenoliths or associated material) a few fine pink aplite veins.

DEPTH FT	DIAMETER IN	LENGTH SAMPLED FT	LENGTH CORE FT	WO ₃	Mo
0	62.5				
	19.0				
62.5	136 41.4	73.5	66.5		
136	143 43.6	7			
143	153 46.6	10			
153	156 47.5	3			
156	162.5 49.5	6.5			
162.5	229 69.8	66.5			
229	238 72.5	9			
238	259 78.9	21			
259	263 80.2	4			
263	281	18			
281	285	4	0.06		
285	289	4	0.05		
289	293	4	0.05		
293	297	4	0.06		
297 90.5	299.5	3			
299.5 91.3	302 92.0	2.5			
302	348 106.1	46			
348	385.5 111.5	37.5	35.3		

0-62'

No Core

VOLCANICS - fine to medium grained green rock-oxidised in the upper horizons. Minor biotite/pyroxene hornfels bands at 110' and 114'.

BIOTITE HORNFELS - fine grained grey banded rock with minor pyroxene hornfels.

GRANITE - medium to coarse grained cream granite.

BIOTITE HORNFELS

GRANITE

VOLCANICS - fine to medium grained green rock rather like pyroxene hornfels in appearance. 203' minor garnet/pyroxene hornfels band. Minor calcite hornfels bands at 195' and 205'.

BIOTITE HORNFELS - fine grained green rock.

BIOTITE/PYROXENE HORNFELS - banded fine grained green grey rock with no scheelite.

BIOTITE HORNFELS - fine grained grey rock.

BIOTITE/PYROXENE HORNFELS - fine grained banded rock with minor calcite hornfels and blebs of garnet. Minor scheelite at 265'. Abundant garnet hornfels below 281' with minor scheelite.

VOLCANICS - fine grained mottled green brown rocks.

GRANITE dyke.

VOLCANICS - fine grained to medium grained green brown mottled rock.

(Hole completed 17th April, 1969.

(Re-Opened 16th March, 1970.

B METAVOLCANICS
297' - 385.5'

B META VOLCANICS - massive fine and medium grained mid-grey green rock of biotite,

Logged By P. Le Messurier,

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
	A1720	398.0 ^{121.3}	400.0	2.0	0.18	0.035	0.36	
	A1721	400.0 ^{121.9}	402.0	2.0	0.97	0.084	1.94	
	A1722	402.0 ^{122.5}	403.5	1.5	0.10	0.012	0.15	
	A1723	403.5 ^{123.0}	405.0	1.5	0.73	0.050	1.10	B Lens -
	A1724	405.0 ^{123.4}	407.0	2.0	0.04	0.013	0.08	11' at
	A1725	407.0 ^{124.0}	408.0	1.0	0.02		0.02	0.5% WO ₃
	A1726	408.0 ^{124.4}	410.0	2.0	0.96	0.068	1.92	Mo: 0.043
	A1727	410.0 ^{125.0}	411.0	1.0	0.32	0.036	0.32	
	A1728	411.0 ^{125.3}	415.0	4.0	0.05	0.017	0.20	
	A1729	415.0 ^{126.5}	416.0	1.0	0.09	0.025	0.09	
	A1730	416.0 ^{126.8}	417.0	1.0	0.30	0.029	0.30	
302-65	A1731	417.0 ^{127.1}	419.0	2.0	0.03		0.06	
302-66	A1732	419.0 ^{127.7}	421.0 ^{128.2}	2.0	0.06	0.022	0.12	
7	A1778	512.0 ^{156.0}	514.0	2.0	0.05		0.10	
8	A1779	514.0 ^{156.7}	515.5	1.5	0.06		0.09	
	A1780	515.5 ^{157.1}	517.0	1.5	0.79		1.125	C ₁ Lens -
	A1781	517.0 ^{157.6}	519.0	2.0	1.13		2.26	25.5' at
	A1782	519.0 ^{158.2}	521.0	2.0	1.18	0.035	2.36	0.83% WO ₃
	A1783	521.0 ^{158.8}	523.0	2.0	1.07	0.030	2.14	
	A1784	523.0 ^{159.4}	525.0	2.0	1.82	0.038	3.64	Mo: 0.025
	A1785	525.0 ^{160.0}	527.0	2.0	1.34	0.021	2.68	
	A1786	527.0 ^{160.6}	529.0	2.0	1.05	0.028	2.10	
	A1787	529.0 ^{161.2}	531.0	2.0	0.36	0.014	0.72	
	A1788	531.0 ^{161.8}	533.0	2.0	0.48	0.028	0.96	
	A1789	533.0 ^{162.4}	535.0	2.0	0.49	0.026	0.98	
	A1790	535.0 ^{163.1}	537.0	2.0	0.55	0.033	1.10	
	A1791	537.0 ^{163.7}	539.0	2.0	0.19	(0.01)	0.38	
	A1792	539.0 ^{164.3}	541.5	2.0	0.33	(0.01)	0.66	
	A1793	541.0 ^{164.9}	543.0	2.0	0.10	(0.01)	0.20	
	A1794	543.0 ^{165.5}	545.0	2.0	0.22	(0.01)	0.44	
	A1795	545.0 ^{166.1}	547.0	2.0	0.13	(0.01)	0.26	
	A1796	547.0 ^{166.7}	549.0	2.0	0.27	(0.01)	0.54	
	A1797	549.0 ^{167.3}	551.0	2.0	0.13	(0.01)	0.26	
	A1798	551.0 ^{167.9}	553.0	2.0	0.13	(0.01)	0.26	
	A1799	553.0 ^{168.5}	555.0	2.0	0.24	(0.01)	0.48	
	A1800	555.0 ^{169.2}	557.0	2.0	0.19	(0.01)	0.38	
	A1801	557.0 ^{169.8}	559.0	2.0	0.21	(0.01)	0.42	
	A1802	559.0 ^{170.4}	561.0	2.0	0.42	(0.01)	0.84	C ₁ Lens,
	A1803	561.0 ^{171.0}	563.0	2.0	0.37	(0.01)	0.74	10' at
	A1804	563.0 ^{171.6}	565.0	2.0	0.52	(0.01)	1.04	0.42% WO ₃
	A1805	565.0 ^{172.2}	567.0	2.0	0.52	(0.01)	1.04	
	A1806	567.0 ^{172.8}	569.0 ^{173.4}	2.0	0.28	(0.01)	0.56	

Logged By P. Le Messurier.

SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
A1807	569.0 ^{173.4}	571.0	2.0 ^{1.29}	0.13	(0.01	0.26	
A1808	571.0 ^{174.0}	573.0	2.0 ^{1.06}	0.07	(0.01	0.14	
A1809	573.0 ^{174.6}	575.0	2.0	0.05	(0.01	0.10	
A1810	575.0 ^{175.3}	577.0	2.0 ^{1.08}	0.08	0.019	0.16	
A1811	577.0 ^{175.9}	579.0 ^{176.5}	2.0	0.08	0.023	0.16	

DIAMOND DRILL HOLE

268

Logged By:

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	NO ₃	Mo		
00288/1	281'45.7	285'	4'	0.06		0.24	
6/2	285'46.9	289'	4'	0.05		0.20	
7/3	289'48.8	293'	4'	0.05		0.20	
00268/4	293'49.3	297'	4'	0.06		0.24	

BOLD HOLE SURVEY RECORD Acid Tube

DATE: 18/4/69

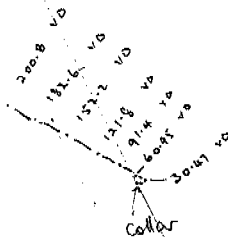
HOLE No. 268 LOCATION Bold Head

DEPTH	TIMES			DIP	ERG.	REMARKS
	SET	OFF	PULLED			
150'	2.25	2.45	2.45	89°		
300'	2.50	3.10	3.10	87°		

DDH 268

Scale 1:500

Plan view



total depth : 677' 206.35 m

surveyed to : 660' 201.17 m

DDH 268

Fault 138' (42.06 m)

Fault 322' (98.15 m)

Fault 377' (144.91 m)

Ground incompetent 406' (123.75 m), 410' (124.97 m), 415' (126.49 m),
420' (128.0 m)

(Major fault 443' (135.02 m) - 453' (138.07 m) zone.

(Breccia 446' (135.94 - 449' (136.86 m) 452' (137.77 m)

Possible fault 483' (147.2 m)

Fault in ore 533' (162.46 m)

[illegible]

TV PROJECTION

^

W

E

N

S

DDH

4 3 2 1 0 1 2 3 4

PLAN VIEW

Z

3

S

GEORGE LIMITED

BORE HOLE SURVEY RECORD Acid Survey

DATE: 13/5/69

ROLL No. 267

LOCATION

Bold Head

TIMES						
DEPTH	SST	OFF	PULLED	DIP	BRC.	REMARKS
500'	8.00	8.20	8.20	87.5 ⁰		
1000'	8.45	9.05	9.05	85.5 ⁰		

DIAMOND DRILL CORE LOG SHEET

Hole No. 266

Location No. 3. OrebodyElevation 364.62' (111.13) (114.4 fall line)Final Depth 520 Feet 158.5Co-Ords 109515.23N, 10288.60EDip VerticalBearing -Date Commenced 21st May, 1969Date Completed 29th July, 1969.Survey: UNSURVEYEDLogged: L. Szabo

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	40 ^{12.2}	40		No Core		
40	298 ^{90.8}	258	2/7	<u>Volcanics</u> : fine to medium grained, in places, mottled. Lost core - 41 feet (total). 86' - 99' quartz filled amigdules 112' - 112.5' Brecciated volcanics in dark brown matrix. 44' - 65' broken zone 69' - 81' Slicken sides 84' - 95' Fragmental and brecciated zone with slicken sides. 146.5' - 154.5' As above. 136' - 210' As above (Water Lost) 253' - 264' As above 271' - 280' As above		
298	319 ^{91.2}	21		<u>Pyroxene Hornfels</u> banded with minor <u>Biotite Hornfels</u> , weathered, heavily brecciated. 312' - 313' Aplite		
319	324 ^{99.7}	5		<u>Breccia</u> , Ph fragments in chloritic cement.		
324	330 ^{100.6}	6		<u>Breccia</u> , Bh fragments cemented by quartz.		
330	343 ^{104.5}	13		<u>Pyroxene Hornfels</u> banded with <u>Biotite Hornfels</u> brecciated and intensively weathered soft material.		
343	363 ^{110.6}	20		<u>Aplite</u>		
363	394 ^{120.1}	31		<u>Volcanics</u> medium grained lower part highly altered. The upper boundary is one foot long <u>fault plane</u> dipping at an angle of approx. 80°. 370' - 371' <u>Aplite</u> 378' - 385' Slicken sides and broken core.		
394	432 ^{131.7}	38		<u>Biotite Hornfels</u> banded with <u>Pyroxene Hornfels</u> 399' - 400' <u>Aplite</u> 404' - 405' Minor Scheelite mineralisation in joints.		
432	436 ^{132.9}	4		<u>Granite</u> fine and medium grained.		
436	440 ^{134.1}	4		<u>Biotite Hornfels</u>		
440	520 ^{158.5}	80		<u>Biotite-granite</u> medium and coarse grained with porphyritic texture. Weathered, <u>Bentonite</u> bearing zones - 496.5' - 498' 499.5' - 501' 509.5' - 511'		
HOLE COMPLETED AT 520 FEET						

Fault 112' Major 34.1 m

Fault 150' 45.7 m

Major fracture 194' (59.1 m)

Major fracture 275' (83.8 m)

Possible fault 280' (85.3 m) incompetent ground

Fault 7 - 319' (97.2 m) - 344' (104.9 m)

Major fracture 363' (110.6 m)

Fault 378' (115.2 m) - 384' (117.0 m)

Major fracture 418' (127.4 m)

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 265

Location Wrights Block-Bold HeadElevation 387.17 ^{118.02} 121.3Final Depth 825' ^{251.5}Co-Ords. 9882.43N, 501.34EDip VerticalBearing -Date Commenced 23/2/69Date Completed 20/3/69

Logged:- N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	76' ^{23.1}			No Core		
76'	88' ^{26.8}	12'		<u>Banded Biotite Hornfels</u> - fine grained grey rock, highly fractured and oxidized.		
88'	136' ^{41.4}	48'	Qu	<u>Volcanics</u> - mottled medium grained green rock. 105' to 106' Granite 107' to 109' Granite Rock becomes fine grained below 124'.		
136'	145' ^{44.2}	9'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained grey/green rock. <i>Part oxidized to 16'</i>		
145'	164' ^{50.0}	19'		<u>Pyroxene Hornfels</u> - fine grained green rock with good disseminated scheelite. <u>SAMPLED</u> 156' to 160' 4' 160' to 164' 4'	0.21 1.42	0.020 0.121
164'	209' ^{63.7}	45'		<u>Calcite Hornfels</u> - fine to medium grained grey banded rock with some pyroxene.		
209'	223' ^{68.0}	14'		<u>Pyroxene Hornfels</u> - medium grained green rock with minor grossular garnet, the rock grades into Garnet Pyroxene Hornfels. <u>SAMPLED</u> 209' to 213' 4' 213' to 217' 4' 217' to 222.5' 5.5'	0.40 0.47 0.59	0.021 0.024 0.023
223'	243.5' ^{74.2}	20.5'		<u>Calcite Hornfels</u> - fine to medium grained grey banded rock with minor pyroxene.		
243.5'	247' ^{75.3}	3.5'		<u>Pyroxene Hornfels</u> - fine grained green rock with good disseminated scheelite. <u>SAMPLED</u> 246.5' to 250.5' 4' 250.5' to 254.5' 4' 254.5' to 259' 4.5'	0.15 0.29 0.76	0.013 0.007 0.016
247'	256' ^{78.0}	9'		<u>Biotite Hornfels</u> - fine grained grey rock with no scheelite.		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 265

265

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
256'	259' 98.9	3'		<u>Pyroxene Hornfels</u> - fine grained green rock with no scheelite.		
259'	277' 94.4	18'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained rock with granite dykes at 269' to 273'		
277'	281' 85.6	4'		<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock with good scheelite. <u>SAMPLED</u> 277' to 281' 4'	0.10	0.009
281'	323' 98.4	42'		<u>Biotite Hornfels</u> - fine grained grey rock with granite dykes from 289' to 293' Spotted from 300' to 323'		
323'	359' 104.4	26'		<u>Banded Biotite/Pyroxene/Garnet Hornfels</u> - well banded variable grain size rock. Granite at 323' to 323.75'		
359'	412.5' 125.7	53.5'		<u>Volcanics</u> - medium to coarse grained green mottled rock. Granite 364' to 364.5'		
412.5'	425.5' 129.7	13'		<u>Granite</u> - coarse grained dyke rock.		
425.5'	453' 138.1	27.5'	14	<u>Volcanics</u> - medium to coarse grained mottled rock with abundant pyrite at 432' to 436'.		
453'	459' 139.9	6'		<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock. <u>SAMPLED</u> 454' to 459.5' 5.5'	0.62	0.029
459'	510' 155.4	51'	49'	<u>Banded Calcite/Pyroxene Hornfels</u> - well banded hornfels with minor garnet bands. 500' to 502' 1' Lost Core 502' to 504' 1' Lost Core		
510'	514' 156.7	4'		<u>Biotite/Pyroxene/Garnet Hornfels</u> Approaches Garnet Pyroxene Hornfels in places. No scheelite present.		
514'	572' 174.3	58'		<u>Biotite Hornfels</u> - fine grained schistose rock, grey-grown in colour with some Pyroxene bands becoming abundant below 530'		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 265

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
572'	618' 188.3	46'		<u>Pyroxene Garnet Hornfels</u> - fine grained black rock with coarse grained ovoids of calcite and garnet. <u>SAMPLED</u> 614' to 618' 4'	0.27	0.010
618'	681' 207.6	63'		<u>Garnet Pyroxene Hornfels</u> - medium to coarse grained green brown rock. <u>SAMPLED</u> 618' to 622' 4' 622' to 626' 4' 626' to 630' 4' 630' to 634' 4' 634' to 638' 4' 638' to 642' 4' 642' to 646' 4' 646' to 650' 4' 650' to 654' 4' 654' to 658' 4' 658' to 662' 4' 662' to 666' 4' 666' to 670' 4' 670' to 674' 4' 674' to 678' 4' 678' to 681' 3'	0.64 0.41 0.20 0.36 1.93 0.50 0.12 0.05 0.05 0.07 0.11 0.21 0.22 0.10 0.16 0.16	0.018 0.014 0.009 0.014 0.035 0.012 0.005 0.005 0.006 0.006 0.005 0.010 0.009 0.006 0.008 0.007
681'	688' 209.7	7'		<u>Pyroxene Garnet Hornfels</u> - fine grained black rock with ovoids of calcite and garnet.		
688'	692' 210.9	4'		<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock. <u>SAMPLED</u> 688' to 690' 2'	0.61	0.017
692'	700' 213.3	8'		<u>Biotite/Pyroxene Hornfels</u> - brecciated banded hornfels.		
700'	705' 214.9	5'	4'	<u>Breccia</u> - broken ground 1' Lost Core		
705'	711' 216.7	6'		<u>Biotite/Calcite/Garnet Hornfels</u> - Banded variable rock. <u>SAMPLED</u> 697' to 701' 4'	0.15	0.007
711'	750' 228.6	39'		<u>Biotite/Calcite/Garnet Hornfels</u> - banded variable rock with no scheelite.		
750'	753' 229.5	3'		<u>Biotite/Pyroxene Hornfels</u> - fine grained well banded rock.		
753'	766' 233.5	15'		<u>Granite</u> - coarse grained grey to pink rock.		

DIAMOND DRILL HOLE

265

Logged By:

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
0302 265/1	156' 14.5	160'	4'	0.21	0.020	0.84	A lens
3/2	160' 49.8	164' 50.0	4'	1.421	0.121	5.68	8' at 0.8% WO ₃ 0.071% Mo
4/3	209' 13.7	213'	4'	0.40	0.021	1.60	A lens
5/4	213' 44.9	217'	4'	0.47	0.024	1.88	13.5' at
6/5	217' 66.1	222.5' 67.8	5.5'	0.59	0.027	3.24	0.50% WO ₃ Mo: 0.024
00251 7/6	246' 75.1	250.5'	4'	0.15	0.013	0.60	
2 8/7	250.5' 76.3	254.5'	4'	0.19	0.007	0.76	
7/8	254.5' 77.6	259' 78.9	4.5'	0.761	0.016	3.42	A lens 4.5' at 0.76% WO ₃
00253 /9	277' 84.2	281' 85.6	4'	0.10	0.009	0.40	
00254 10	454' 138.4	459.5' 140.0	5.5'	0.62	0.029	-	B lens 5.5' at 0.62%
09/11	614' 181.1	618'	4'	0.27	0.010	1.08	C lens
10/12	618' 182.4	622'	4'	0.64	0.018	2.56	28' at
13/13	622' 189.0	626'	4'	0.41	0.014	1.64	
14/14	626' 190.8	630'	4'	0.20	0.009	0.80	0.62% WO ₃
39/15	630' 192.0	634'	4'	0.36	0.014	1.44	
44/16	634' 193.2	638'	4'	1.93	0.035	7.72	Mo: 0.076
57/17	638' 194.5	642' 195.7	4'	0.50	0.012	2.00	
00254/18	642' 196.1	646'	4'	0.12	0.005	0.48	
5/19	646' 197.9	650'	4'	0.05	0.005	0.20	
6/20	650' 198.1	654'	4'	0.05	0.006	0.20	
7/21	654' 199.3	658'	4'	0.07	0.006	0.28	
8/22	658' 200.5	662'	4'	0.11	0.005	0.44	
9/23	662' 201.8	666'	4'	0.21	0.010	0.84	
60/24	666' 203.0	670'	4'	0.22	0.009	0.88	
1/25	670' 204.2	674'	4'	0.10	0.006	0.40	
2/26	674' 205.4	678' 206.6	4'	0.16	0.008	0.64	
3/27	678' 207.9	682'	4'	0.16	0.007	0.64	
0316 28	688' 209.7	690' 210.7	2'	0.61	0.017	1.22	C lens 2' at 0.61%
00264/29	697' 212.4	701' 213.7	4'	0.15	0.007	-	

BORE HOLE SURVEY RECORD Acid Tube

DATE: 20/3/69

HOLE No. 265 LOCATION Wrights Block - Bold Head

DEPTH	TIMES			DIP	BRG.	REMARKS
	SET	OFF	PULLED			
800'	2.40	3.00	3.00	83°		
600'						
400'	3.10	3.35	3.35	83°		
0				90°		

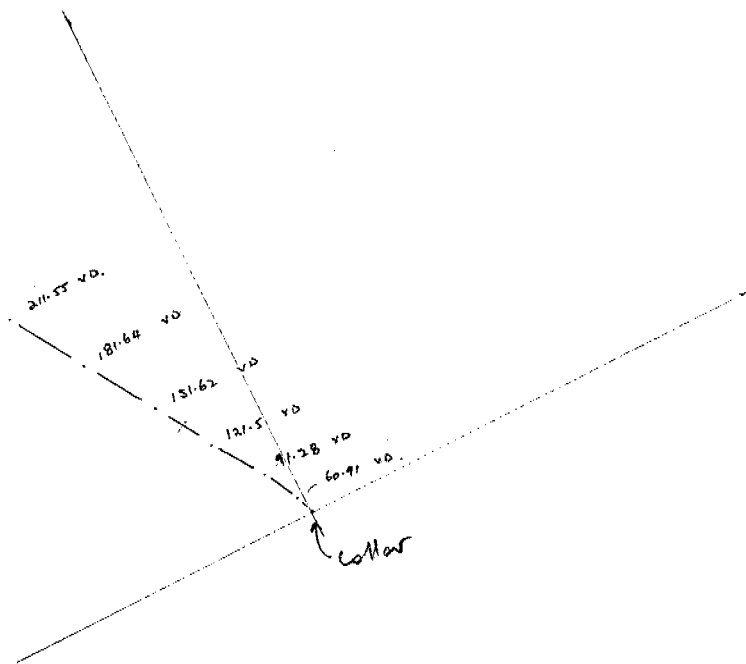
DDH 265

Scale 1:500

Plan view

Total depth : 825' 251.46 m

Surveyed to : 700' 213.36 m



DDH 264

Depth: 851

Old Hole

Surveyed — 23/6/70

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

|--|

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16	
Depth	Course Length	Course Angle	Cosine Sine	Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Tangent	Deflection	Coordinate Difference				Rectangular Difference			
												N	S	E	W	N	S	E	W
340	20	6° 00'	.9945 .1045	.1051	19.890	339.244	2.090	N 70 W	.3420 .9397	.3640	19.880	0.7148				1.9610	11.1082		7.8878
360	20	6° 15'	.9941 .1059	.1095	19.882	359.126	2.178	N 73 W	.8924 .9563	.3057	22.058	0.6368				2.0828	11.7450		9.9706
380	20	6° 45'	.9931 .1175	.1184	19.862	378.988	2.350	N 71 W	.9455 .3256	.3443	24.408	0.7652				2.2219	12.5102		12.1925
400	20	7° 00'	.9925 .1219	.1228	19.850	398.838*	2.438	N 71 W	.9455 .3256	.3443	26.846	0.7938				2.3051	13.3040		14.4976
420	20	7° 15'	.9920 .1262	.1272	19.840	418.678	2.524	N 67 W	.8907 .9205	.4245	29.370	0.9861				2.3233	14.2901		16.8209
440	20	7° 30'	.9914 .1305	.1317	19.828	438.506	2.610	N 69 W	.3584 .9336	.8839	31.980	0.9354				2.4367	15.2255		19.2576
460	20	7° 45'	.9909 .1349	.1361	19.818	458.324	2.698	N 67 W	.8901 .9205	.4245	34.678	1.0541				2.4635	16.2796		21.7411
480	20	8° 00'	.9903 .1392	.1405	19.806	478.130	2.784	N 66 W	.4067 .9135	.4452	37.462	1.1322				2.5432	17.4418		24.2843
500	20	9° 30'	.9863 .1650	.1673	19.726	497.856*	3.300	N 69 W	.3584 .9336	.8839	40.762	1.1827				3.0509	18.5945		27.3652
520	20	10° 00'	.9848 .1736	.1763	19.696	517.552	3.472	N 68 W	.3746 .9272	.4040	44.234	1.3006				3.2192	19.8951		30.5814
540	20	10° 45'	.9825 .1865	.1899	19.650	537.202	3.730	N 67 W	.3907 .9205	.4245	47.964	1.4573				3.4335	21.3524		34.0179
560	20	11° 00'	.9816 .1908	.1944	19.632	556.834	3.816	N 66 W	.4067 .9135	.4452	51.780	1.5520				3.4859	22.9444		37.5038
580	20	11° 00'	.9816 .1908	.1944	19.632	576.466	3.816	N 66 W	.4067 .9135	.4452	55.596	1.5520				3.4859	24.4564		40.9897
600	20	11° 00'	.9816 .1908	.1944	19.632	596.098*	3.816	N 67 W	.3907 .9205	.4245	59.412	1.4909				3.5126	25.9473		44.5023
620	20	11° 00'	.9816 .1908	.1944	19.632	615.730	3.816	N 70 W	.3420 .9397	.3640	63.228	1.3051				3.5859	27.2524		48.0582
640	20	11° 15'	.9808 .1951	.1989	19.616	635.346	3.902	N 60 W	.5000 .8660	.5774	67.130	1.8510				3.3791	29.2034		51.4673
660	20	11° 15'	.9808 .1951	.1989	19.616	654.962	3.902	N 67 W	.3097 .9205	.4245	71.032	1.2084				3.5918	30.4418		55.0596
680	20	11° 25'	.9808 .1951	.1989	19.616	674.578	3.902	N 67 W	.3097 .9205	.4245	74.934	1.2084				3.5918	31.6202		58.1509
700	20	11° 30'	.9799 .1994	.2035	19.598	694.176*	3.928	N 65 W	.4226 .9063	.4663	78.922	1.6853				3.6143	33.3055		62.2652
720	20	11° 15'	.9808 .1951	.1989	19.616	713.792	3.902	N 65 W	.4226 .9063	.4663	82.824	1.6470				3.5367	34.9545		65.8016
740	20	11° 30'	.9808 .1951	.2035	19.616	733.408	3.902	N 65 W	.4226 .9063	.4663	86.726	1.6470				3.5367	36.6035		69.3380
760	20	11° 30'	.9808 .1951	.2035	19.616	753.024	3.902	N 66 W	.4067 .9135	.4452	90.628	1.5869				3.5645	38.1904		72.9025
780	20	11° 30'	.9808 .1951	.2035	19.616	772.640	3.902	N 64 W	.4884 .8988	.4877	94.530	1.7106				3.5071	39.9010		76.4096
800	20	12° 00'	.9791 .2079	.2126	19.562	792.202	4.158	N 65 W	.4226 .9063	.4663	98.688	1.7572				3.7684	41.6582		80.1780
820	20	11° 45'	.9790 .2096	.2080	19.580	811.782	4.072	N 64 W	.4384 .8988	.4877	102.760	1.7852				3.6599	43.4434		83.8379

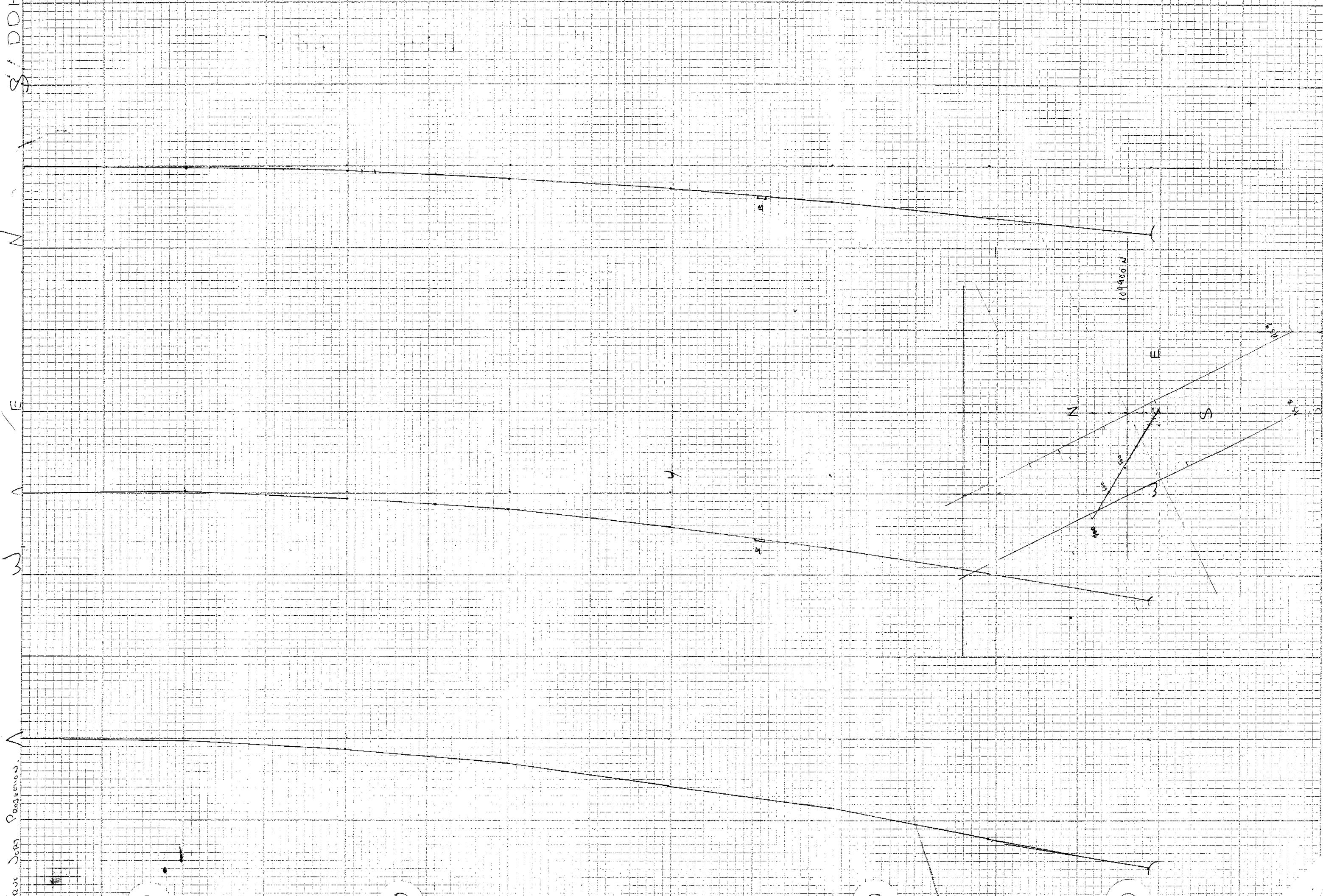
81 DOH

N

E

3

Low Sea Pressure



DDH 265

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection
0	0		1.0000 0.0000	0.0000	0.00	0.00	0.00				0.00
20	20	1'	0.9998 0.0175	0.0175	19.996	19.996	0.349	S 35 E	0.8192 0.5736	0.7002	0.349
40	20	30'	1.0000 0.0087	0.0087	20.00	39.996	0.174	S 63 E	0.4540 0.8910	0.5095	0.523
60	20	45'	0.9995 0.0305	0.0306	19.990	59.986	0.612	S 85 E	0.0872 0.9962	0.0875	1.135
80	20	1'	0.9998 0.0175	0.0175	19.996	79.982	0.349	N 45 W	0.7071 0.7071	1.0000	1.484
100	X 20	1'	0.9998 0.0175	0.0175	19.996	99.970	0.349	N 50 W	0.6428 0.7660	0.8391	X 1.833
120	20	1' 45'	0.9995 0.0305	0.0306	19.990	119.968	0.612	N 51 W	0.6293 0.7771	0.8098	2.445
140	20	2' 15'	0.9992 0.0393	0.0393	19.984	139.953	0.785	N 50 W	0.6428 0.7660	0.8391	3.230
160	20	2' 45'	0.9988 0.0480	0.0480	19.976	159.928	0.959	N 45 W	0.7071 0.7071	1.0000	4.189
180	20	3' 30'	0.9981 0.0610	0.0612	19.962	179.890	1.222	N 50 W	0.6428 0.7660	0.8391	5.411
200	X 20	3' 45'	0.9979 0.0654	0.0655	19.958	199.848	1.307	N 55 W	0.5736 0.8192	0.7002	X 6.718
220	20	4'	0.9976 0.0698	0.0699	19.952	219.800	1.395	N 54 W	0.5878 0.8040	0.7265	8.113
240	20	4'	0.9976 0.0698	0.0699	19.952	239.752	1.395	N 50 W	0.6157 0.7880	0.7813	9.508
260	20	5'	0.9962 0.0872	0.0875	19.924	259.676	1.743	N 57 W	0.6446 0.8387	0.6494	11.251
280	20	5' 45'	0.9950 0.1002	0.1007	19.900	279.576	2.004	N 53 W	0.6018 0.7986	0.7536	13.255
300	X 20	5' 45'	0.9950 0.1002	0.1007	19.900	299.476	2.004	N 53 W	0.6018 0.7986	0.7536	X 15.259
320	20	6' 15'	0.9945 0.1045	0.1051	19.890	319.366	2.090	N 60 W	0.5000 0.8660	0.5774	17.349
340	20	7'	0.9925 0.1219	0.1228	19.850	339.216	2.438	N 59 W	0.5150 0.8572	0.6009	19.787
360	20	8'	0.9903 0.1392	0.1405	19.806	359.022	2.783	N 55 W	0.5736 0.8192	0.7002	22.570
380	20	8' 30'	0.9890 0.1478	0.1495	19.780	378.802	2.957	N 62 W	0.4695 0.8329	0.5317	25.527
400	X 20	8'	0.9903 0.1392	0.1405	19.806	398.608	2.783	N 60 W	0.5000 0.8660	0.5774	X 28.310
420	20	8' 30'	0.9890 0.1478	0.1495	19.780	418.388	2.957	N 57 W	0.6446 0.8387	0.6494	31.267
440	20	8' 30'	0.9890 0.1478	0.1495	19.780	438.168	2.957	N 61 W	0.4848 0.8746	0.5543	34.224
460	20	8' 30'	0.9890 0.1478	0.1495	19.780	457.948	2.957	N 58 W	0.5299 0.8480	0.6249	37.181
480	20	9'	0.9877 0.1564	0.1584	19.754	477.702	3.129	N 59 W	0.6150 0.8572	0.6009	40.310
500	X 20	9'	0.9877 0.1564	0.1584	19.754	497.456	3.129	N 59 W	0.6150 0.8572	0.6009	X 43.439
520	20	9' 30'	0.9863 0.1652	0.1673	19.726	517.182	3.300	N 54 W	0.5878 0.8098	0.7265	46.739
540	20	10'	0.9848 0.1736	0.1763	19.696	536.878	3.472	N 61 W	0.4848 0.8746	0.5543	50.211
560	20	10'	0.9848 0.1736	0.1763	19.696	556.574	3.472	N 58 W	0.5299 0.8480	0.6249	53.683
580	20	11'	0.9816 0.1928	0.1944	19.632	576.206	3.816	N 60 W	0.5000 0.8660	0.5774	57.499

DDH 265

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

13	14	15	16
Co-ordinate Difference			
N	S	E	W
	0.286	0.200	0.286 0.200
	0.079	0.155	0.365 0.355
	0.053	0.610	0.418 0.960
0.247		0.247	0.171 0.713
0.224		0.267	0.053 0.446
0.385		0.476	0.438 0.030
0.505		0.601	0.943 0.631
0.678		0.678	1.621 1.309
0.786		0.936	2.407 2.245
0.750		1.071	3.157 3.316
0.820		1.129	3.977 4.445
0.859		1.099	4.836 5.544
0.949		1.462	5.785 7.006
1.206		1.600	6.991 8.606
1.206		1.600	8.197 10.206
1.045		1.810	9.242 12.016
1.256		2.090	10.498 14.106
1.596		2.280	12.014 16.386
1.388		2.611	13.482 18.997
1.392		2.410	14.874 21.407
1.610		2.480	16.484 23.887
1.434		2.586	17.918 26.473
1.567		2.508	19.485 28.981
1.611		2.682	21.096 31.663
1.611		2.682	22.706 34.345
1.940		2.670	24.646 37.015
1.683		3.037	26.329 40.052
1.840		2.944	28.169 42.996
1.908		3.305	30.077 46.301

EASTMAN MULTISHOT DRILL HOLE SURVEY

DDH 265 (b)

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16	
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Co-ordinate Difference		Rectangular Difference					
												N	S	E	W	N	S	E	W
600	X 20	10° 30'	0.9833 0.1822	0.1853	19.7260	* 181.04 595.932	3.644	N 59° W	0.5150 0.8572	0.6009	* 61.143	1.877			3.124	* 9.74 31.954			* 15.06 49.425
620	20	11° 15'	0.9808 0.1951	0.1989	19.616	615.548	3.902	N 59° W	0.5150 0.8572	0.6009	65.045	2.010			3.345	33.964			52.770
640	20	11° 15'	0.9808 0.1951	0.1989	19.616	635.164	3.902	N 59° W	0.5150 0.8572	0.6009	68.947	2.010			3.345	35.974			56.115
660	20	10° 45'	0.9825 0.1865	0.1899	19.650	654.814	3.730	N 58° W	0.5299 0.8480	0.6249	72.677	1.977			3.163	37.951			59.251
680	20	11° 15'	0.9808 0.1951	0.1989	19.616	674.430	3.902	N 56° W	0.5592 0.8290	0.6745	76.579	2.182			3.235	40.133			62.146
700	X 20	11°	0.9816 0.1908	0.1944	19.632	* 211.55 694.062	3.960	N 58° W	0.5299 0.8480	0.6249	* 80.539	2.098			3.358	* 12.87 42.231			* 20.07 65.844
680	20	11°	0.9816 0.1908	0.1944	19.632	674.430	3.960	N 58° W	0.5299 0.8480	0.6249	76.579								
660	20	10° 45'	0.9825 0.1865	0.1899	19.650	654.780	3.730	N 59° W	0.5150 0.8572	0.6009	72.849x								
640	20	11°	0.9816 0.1908	0.1944	19.632	635.148	3.960	N 58° W	0.5299 0.8480	0.6249	68.889								
620	20	11°	0.9816 0.1908	0.1944	19.632	615.516	3.960	N 60° W	0.5000 0.8660	0.5774	64.929								
600	20	10° 45'	0.9825 0.1825	0.1899	19.650	595.866	3.650	N 59° W	0.5150 0.8572	0.6009	61.279								
580	20	10° 30'	0.9833 0.1822	0.1853	19.666	576.200	3.644	N 59° W	0.5150 0.8572	0.6009	57.635								
560	20	10° 15'	0.9840 0.1779	0.1808	19.680	556.520	3.558	N 58° W	0.5299 0.8480	0.6249	54.077								
540	20	9° 45'	0.9856 0.1693	0.1718	19.712	536.808	3.386	N 61° W	0.4848 0.8746	0.5543	50.691								
520	20	9° 30'	0.9863 0.1650	0.1673	19.726	517.082	3.300	N 56° W	0.5592 0.8290	0.6745	47.391								
500	20	9°	0.9877 0.1564	0.1584	19.754	497.328	3.128	N 60° W	0.5000 0.8660	0.5774	44.263								
480	20	8° 45'	0.9884 0.1521	0.1539	19.768	477.560	3.042	N 58° W	0.5299 0.8480	0.6249	44.221								
460	20	8° 30'	0.9890 0.1478	0.1495	19.780	457.780	2.956	N 61° W	0.4848 0.8746	0.5543	38.265								
440	20	8° 15'	0.9897 0.1435	0.1450	19.794	437.986	2.870	N 59° W	0.5150 0.8572	0.6009	35.395								
420	20	8° 15'	0.9897 0.1435	0.1450	19.794	418.192	2.870	N 61° W	0.4848 0.8746	0.5543	32.525								
400	20	8°	0.9903 0.1392	0.1405	19.806	398.386	2.784	N 59° W	0.5150 0.8572	0.6009	29.741								
380	20	8° 15'	0.9897 0.1435	0.1450	19.794	378.592	2.870	N 60° W	0.5000 0.8660	0.5774	26.871x								
360	20	8°	0.9903 0.1392	0.1405	19.806	358.786	2.784	N 59° W	0.5150 0.8572	0.6009	24.087								
340	20	7° 15'	0.9920 0.1282	0.1272	19.840	338.946	2.524	N 58° W	0.5299 0.8480	0.6249	21.563								
320	20	6° 15'	0.9941 0.1089	0.1095	19.882	319.064	2.178	N 59° W	0.5150 0.8572	0.6009	19.385								
300	20	5° 30'	0.9954 0.0958	0.0963	19.908	299.156	1.916	N 57° W	0.5596 0.8387	0.6494	17.469								
280	20	5° 15'	0.9958 0.0915	0.0919	19.916	279.240	1.930	N 56° W	0.5592 0.8290	0.6745	15.639								
260	20	5° 15'	0.9958 0.0915	0.0919	19.916	259.324	1.830	N 55° W	0.5736 0.8192	0.7002	13.809								
240	20	4°	0.9976 0.0698	0.0699	19.952	239.372	1.396	N 50° W	0.6428 0.7660	0.8391	12.413								
220	20	3° 45'	0.9979 0.0654	0.0655	19.958	219.414	1.308	N 54° W	0.5878 0.8090	0.7265	11.105								

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

[illegible]

GEOPEKO LIMITED

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 264

Location Wrights Block-Bold HeadElevation 392.19Final Depth 851 feetCo-Ords. 10,098.80N, 500.27EDip VerticalBearing -Date Commenced 23/2/69Date Completed 1/4/69

Logged:- N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	40' ^{2.2}			No Core		
40'	60' ^{18.3}	20'		<u>Spotted Biotite Hornfels</u> - highly oxidized and broken ground.		
60'	159.5' ^{48.6}	99.5'		<u>Biotite Hornfels</u> - minor pyroxene bands in a fine grained grey rock.		
159.5'	164' ^{49.8}	4.5'		<u>Granite</u> - medium grained grey rock.		
164'	186.5' ^{56.8}	22.5'		<u>Biotite Hornfels</u> - fine grained grey black banded rock.		
186.5'	204' ^{62.2}	17.5'		<u>Pyroxene Hornfels</u> - medium grained green rock with some garnet and good disseminated scheelite.		
				<u>SAMPLED</u>		
				189' to 191.5' 2.5'	1.25	0.043
				191.5' to 194.5' 3'	0.61	0.021
				194.5' to 198.5' 4'	0.67	0.021
				198.5' to 203.5' 5'	2.50	0.065
204'	208' ^{63.4}	4'		<u>Biotite Hornfels</u> - fine grained grey black rock.		
208'	212' ^{64.6}	4'		<u>Breccia</u> - fragmental and cemented rock with fragments of Biotite and Pyroxene Hornfels.		
212'	232' ^{70.7}	20'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained schistose rock.		
232'	275' ^{83.8}	63'		61' <u>Biotite Hornfels</u> - fine grained grey rock, spotted and banded. Minor Lost Core.		
				232' to 245' 2' Lost Core		
				Aplite 256' to 257'		
				272' to 272.5'		
275'	302' ^{92.04}	27'		<u>Biotite/Pyroxene Hornfels</u> - minor Pyroxene bands in a fine grained grey rock.		
302'	306' ^{93.3}	4'		<u>Pyroxene Hornfels</u> : brecciated rock with fragments of Biotite Hornfels.		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 264

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
306'	320' 97.5	14'		<u>Garnet/Pyroxene/Biotite Hornfels</u> Banded fine to medium grained rock with good disseminated scheelite. <u>SAMPLED</u> 306' to 310' 4' 310' to 314' 4'	0.08 0.10	0.006 0.011
320'	326' 99.3	6'		<u>Volcanics</u> - medium grained mottled green-white rock.		
326'	333' 101.5	7'		<u>Granite</u> - coarse grained grey rock.		
333'	337' 102.7	4'		<u>Volcanics</u> - medium grained mottled rock.		
337'	348' 106.1	11'		<u>Granite</u> - coarse grained grey rock.		
348'	404.5' 123.3	56.5'		<u>Volcanics</u> - fine to medium grained green mottled white rock.		
404.5'	411' 125.3	6.5'		<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock with good disseminated scheelite. <u>SAMPLED</u> 405' to 408' 3' 408' to 411' 3'	0.84 1.91	0.027 0.046
411'	474' 144.5	63'		<u>Calcite Hornfels</u> - fine to medium grained grey slightly banded rock.		
474'	480' 146.3	6'		<u>Pyroxene Hornfels</u> - fine ~~SAMPLED~~ - 474' to 478' 4'	0.08	0.009
480'	530' 161.5	50'		<u>Biotite/Pyroxene Hornfels</u> - minor pyroxene bands in a fine grained grey biotite rock.		
530'	559' 170.4	29'		<u>Pyroxene Garnet Hornfels</u> - fine grained black rock with calcite and garnet ovoids.		
559'	603' 183.8	48'		<u>Garnet Pyroxene Hornfels</u> - medium to coarse grained green brown rock with good disseminated scheelite. <u>SAMPLED</u> 558.5' to 563' 4.5' 563' to 567' 4' 567' to 571' 4' 571' to 575' 4' 575' to 579' 4' 579' to 583' 4' 583' to 587' 4' 587' to 591' 4' 591' to 595' 4'	1.12 0.93 0.35 0.73 0.44 0.74 0.79 0.19 0.18	0.011 0.012 0.007 0.010 0.004 0.014 0.011 0.004 0.004

DIAMOND DRILL CORE LOG SHEETS

Hole No. 264

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
603'	620' 189	17'		<u>Pyroxene Garnet Hornfels</u> - fine grained black rock with ovoids of calcite and garnet. <u>SAMPLED</u> 595' to 599' 4' 599' to 603' 4' 603' to 607' 4' 607' to 611' 4' 611' to 614' 3' 614' to 618' 4' 618' to 622' 4'	0.10 0.09 0.13 0.06 0.07 0.05 0.10	0.002
620'	678' 266	58'		<u>Garnet Pyroxene Hornfels</u> - medium grained green rock with some calcite bands. <u>SAMPLED</u> 622' to 626' 4' 626' to 630' 4' 630' to 634' 4' 634' to 638' 4' 638' to 642' 4' 642' to 645' 3' 645' to 648' 3' 648' to 651' 3' 651' to 655' 4' 655' to 659' 4' 659' to 663' 4' 663' to 667' 4' 667' to 671' 4' 671' to 675' 4' 675' to 678' 3'	0.41 1.40 0.70 0.33 0.82 0.41 1.33 1.91 0.55 1.59 0.59 0.86 0.46 0.31 0.10	
678'	696' 212.1	18'		<u>Biotite/Pyroxene Hornfels</u> - banded rock with minor calcite and garnet.		
696'	700' 213.4	4'		<u>Aplite</u> - fine grained white aplite with good coarse scheelite. <u>SAMPLED</u> 695' to 699' 4'	0.12	
700'	703.5'	3.5'		<u>Biotite/Pyroxene Hornfels</u> - fine grained banded rock with some calcite bands.		
703.5'	706'	2.5'		<u>Granite</u> - medium grained grey granite dyke.		
706'	707'	1'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained rock.		
707'	711'	4'		<u>Granite</u> - medium grained grey granite.		
711'	722'	11'		<u>Biotite/Pyroxene Hornfels</u> - fine grained banded rock with some calcite bands.		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 264

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
722'	774' 235.91	52'		<u>Garnet/Calcite/Pyroxene Hornfels</u> banded rock with minor disseminated scheelite. <u>SAMPLED</u> 721' to 725' 4' 725' to 729' 4' 729' to 733' 4' 733' to 737' 4' 737' to 741' 4' 741' to 745' 4' 745' to 749' 4' 749' to 754' 5' 0.07 0.06 0.01 0.01 0.04 0.26 0.08 1.94		
774'	802' 264.4	28' ~~18'~~		<u>Biotite/Pyroxene Hornfels</u> - fine grained banded rock.		
802'	851'	49'		<u>Granite</u> - medium to coarse grained pink granite.		
				<u>HOLE COMPLETED AT 851 FEET</u>		

DIAMOND DRILL HOLE 264

Logged By:

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WC ₂	Mo		
~~0133~~ 0264/0273	189' 51.6	191.5'	2.5'	1.25	0.043	3.12	A Lens
0274 1/2	191.5' 58.3	194.5'	3'	0.61	0.021	1.83	14.5 at
53/3	194.5' 59.2	198.5'	4'	0.67	0.021	2.68	1.39 % WO ₃
68/4	198.5' 60.5	203.5' 62.0	5'	2.50	0.065	12.50	Mo: 0.040
02231/5	306' 93.2	310'	4'	0.08	0.006	0.32	
2/6	310' 94.4	314' 95.7	4'	0.10	0.011	0.40	
0277 ~~0134~~ 7	405' 123.4	408'	3'	0.84	0.027	2.52	B Lens
48/8	408' 124.3	411' 125.3	3'	1.91	0.046	5.73	6' at 1.37 % WO ₃
3/9	474' 144.4	478' 145.7	4'	0.08	0.009	-	Mo: 0.037
0279 ~~0141~~ 10	558.5' 110.2	563'	4.5'	1.12	0.011	5.04	C LENS
0280 2/11	563' 111.2	567'	4'	0.93	0.012	3.72	28.5' at
12/12	567' 112.9	571'	4'	0.35	0.007	1.40	0.74 % WO ₃
24/13	571' 114.0	575'	4'	0.73	0.010	2.92	Mo: 0.010
38/14	575' 115.2	579'	4'	0.44	0.004	1.76	
46/15	579' 116.4	583'	4'	0.74	0.014	2.96	
52/16	583' 117.7	587' 118.9	4'	0.79	0.011	3.16	
4/17	587' 119.0	591'	4'	0.19	0.004	0.76	
5/18	591' 180.1	595'	4'	0.18	0.004	0.72	
6/19	595' 181.3	599'	4'	0.10	0.002	0.40	
7/20	599' 182.6	603'	4'	0.09		0.36	
8/21	603' 183.8	607'	4'	0.13		0.52	
9/22	607' 185.0	611'	4'	0.06		0.24	
40/23	611' 186.2	614'	3'	0.07		0.21	
02241/24	614' 187.1	618'	4'	0.05		0.20	
42/25	618' 188.3	622'	4'	0.10		0.40	
0286 ~~0146~~ 26	622' 189.6	626'	4'	0.41		1.64	C ₂ LENS
79/27	626' 190.8	630'	4'	1.40		5.60	53' at
88/28	630' 192.0	634'	4'	0.70		2.80	0.81 % WO ₃
91/29	634' 193.2	638'	4'	0.33		1.32	
0290 ~~0152~~ 30	638' 194.4	642'	4'	0.82		3.28	
13/31	642' 195.7	645'	3'	0.41		1.23	
24/32	645' 196.6	648'	3'	1.33		3.99	
38/33	648' 197.6	651'	3'	1.91		5.73	
46/35	651' 198.4	655'	4'	0.55		2.20	
59/36	655' 199.6	659'	4'	1.59		6.36	

DIAMOND DRILL HOLE 264

Logged By:

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
264/37	659'200-9	663'	4'	0.59 ✓		2.36	
74/38	663'202-0	667'	4'	0.86 ✓		3.44	
~~2150/39~~	667'203-3	671'	4'	0.46 ✓		1.84	
9/40	671'204-5	675' ²⁰⁵⁻⁷	4'	0.31 ✓		1.24	
Q0243/41	675'205-7	678' ₂₀₆₋₇	3'	0.10	<0.01	0.30	
4/42	695'211-8	699' ₂₁₃₋₁	4'	0.12	<0.01	0.48	
5/43	721'214-8	725'	4'	0.07	<0.01	0.28	
6/44	725'221-0	729'	4'	0.06	<0.01	0.24	
7/45	729'222-2	733'	4'	0.03	<0.01		
8/46	733'223-4	737'	4'	0.01	<0.01	0.04	
0390 9/47	737'224-6	741'	4'	0.04	<0.01	0.16	
~~2152/48~~	741' ²²⁵⁻⁸	745'	4'	0.26 ✓	<0.01	1.04	
Q02503/49	745'227-0	749'	4'	0.08	0.046	0.32	
0153/50	749'227-4	754' ²²⁹⁻⁸	5'	1.94 ✓	0.010	9.70	
0381 2/51					<0.01		
2/52					<0.01		
3/53					<0.01		
Q0254/54					<0.01		

(264/51 to 264/54 assay results not reliable,
core incorrectly split)

3' at 0.85%
0.021% Mo

Boundary fault 187' (57.0 m)

Fault - 211' (64.3 m)

Angle of bedding LACT.

BH-PH - ~~2~~28⁰ @ 215' (63.33 m)

Fault in LV 381' (116.13 m)

Major fracture 468' (142.65 m)

470' (145.08 m)

Possible fault 504' (153.62 m)

Major fracture 570' (173.74 m)

Major fracture 682' (207.87 m)

Possible fault 741' (225.86 m)

Possible fault 786' (239.57 m)

BORE HOLE SURVEY RECORD Acid Tube

DATE: 1/4/69

HOLE No. 264 LOCATION Wrights Block, Bold Head

DEPTH	TIMES			DIP	BRG.	REMARKS
	SET	OFF	PULLED			
800' 6	9.20	9.40	9.40	81°		
400' 0	9.50	110.10	10.10	83°		

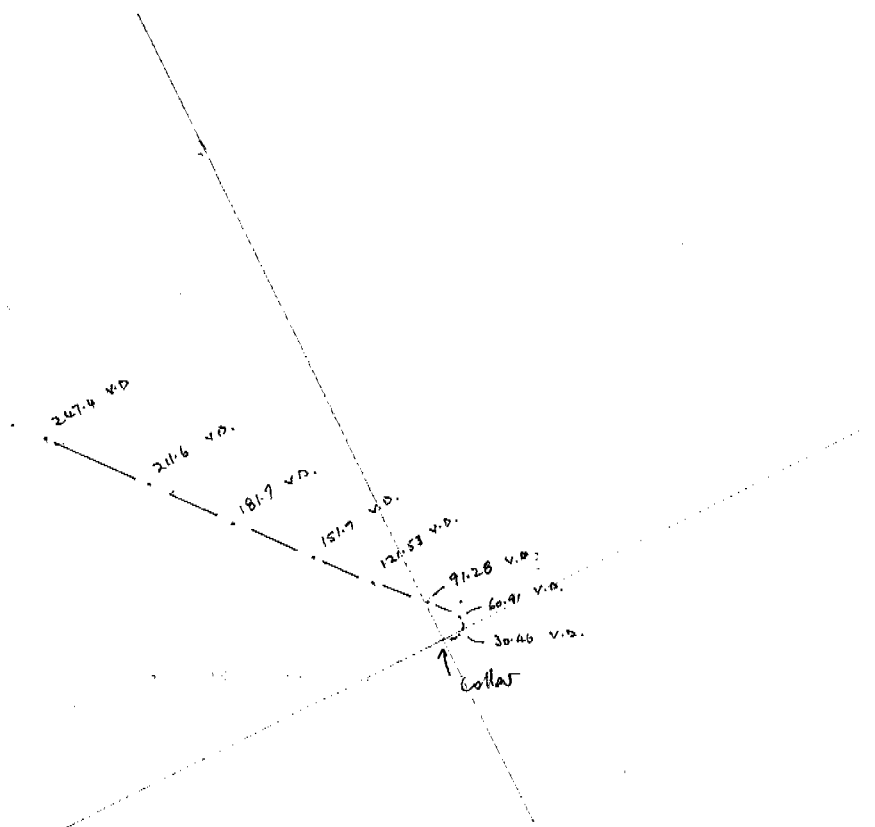
DDH 264

Scale 1:500

Plan view

total depth: 851' 259.38 m

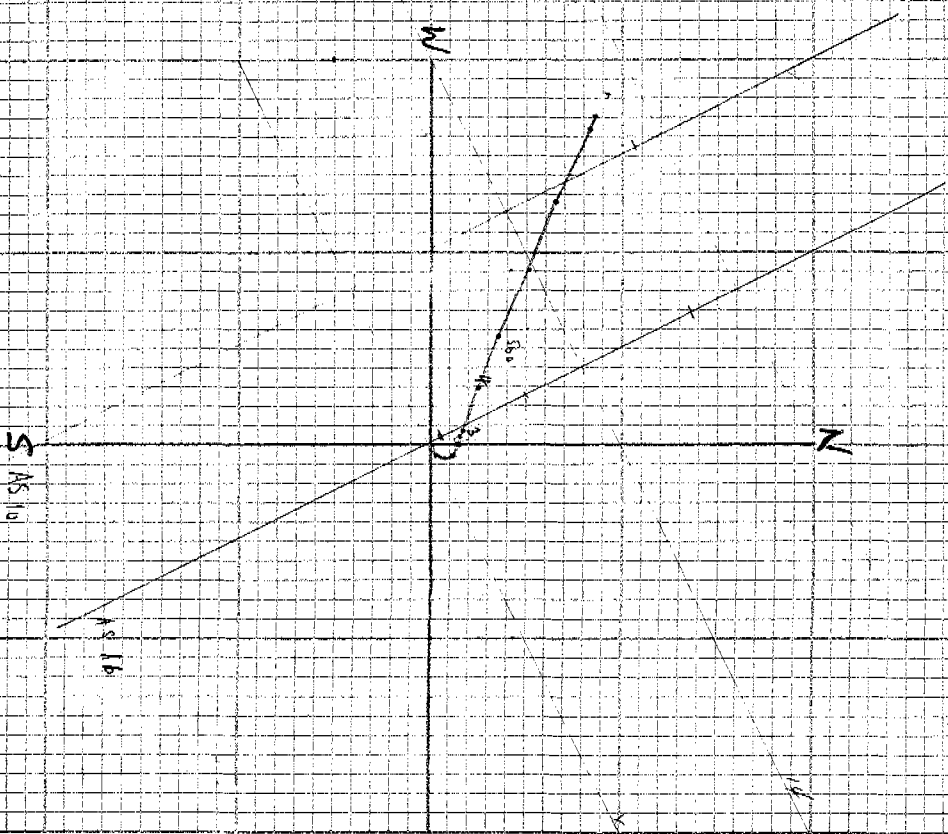
Survey 15: 820' 249.94 m



DOT 264

100'
200'
300'
400'
500'
600'
700'
800'

DDH. N° 264
DATE SURVEYED:- 23/6/70
TOTAL DEPTH:- 851
SURVEYED TO:- 820'



1433: 24/4/69

LOCATION Bold Head

DEPTH	TIMES			DIP	BRG.	REMARKS
	SET	OFF	PULLED			
650'	10.05	10.25	10.25	84.5°		
300'	9.38	9.58	9.58	86°		

CHARTER LOGBOOK

ISOBARIC SOUNDING RECORD

Acid Tube

DATE

24/3/69

NOVA No.

262

LOCATION

Wrights Block - Bold Head

TIME

DEPTH	SET	OFF	FULLAD	WIP	SPG.	REMARKS
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580'

2.40

3.00

3.00

85°

300'

3.15

3.35

3.35

87°

DDH 262

Possible Fault 360 (199.7 m) (not much displacement) in LV.

Possible fault 375' (114.3 m) (Not much displacement) in LV

Fault 502' (153 m) in CH

Fault 523' (159.4 m) - 527' (160.6 m) way be associated with the above fault.

Fault 687' (207.8 m)

Possible fault 684' (211.5 m)

Interval 689 - 753'

Severaly backed and weathered ground. Brecciated in some places.

GEOPEKO LIMITED

BORE HOLE SURVEY RECORD					DATE: 21/2/69	
HOLE No.	LOCATION			Bold Head		
DEPTH	TIMES			DIP	BRG.	REMARKS
	SET	OFF	PULLED			
400'	1.33	2.13	2.13	88°	259°	
200'	2.35	3.05	3.05	87°	157°	(?)

308-2
NOT ON
PLAN!

DIAMOND DRILL CORE LOG SHEETS

Location Wrights Block-Bold Head HOLE No. 255
Elevation 368.02' (112.2) 115.46
Final Depth 150' 45.7~ Co-Ords. 9598.38N, 291.33E
Dip Vertical Bearing -
Date Commenced 25/1/69 Date Completed 18/2/69

Logged: N. R. Kinnane

Footage		Length	Description	Assay	
From	To			WO ₃	Mo
0	60' ^{18.3}		No Core		
60'	77' ^{23.5}	17'	<u>Oxidized Volcanics</u> :- fine to medium grained green rock, strongly iron stained.		
77'	150' ^{45.7}	73'	<u>Volcanics</u> - fine to medium grained green rock.		
<u>HOLE ABANDONED AT 150 FEET</u>					

DIAMOND DRILL HOLE 254

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
254/102 ⁰²⁶⁵	254' ⁿ⁴	259'	5'	0.88	0.021	3.40	B LENS
122 ⁶⁶	259' ^{78.9}	263'	4' ^{1.06}	1.01	0.036	4.04	23' at
13 ⁹⁷	263' ^{80.2}	267'	4'	1.33	0.029	5.32	0.70% WO ₃
0268/102 ⁰	267' ^{81.4}	270'	3'	0.11	0.007	0.22	
15 ⁹	270' ^{82.3}	274'	4'	0.12	0.007	0.48	
0270 ⁶	274' ^{83.5}	277' ^{84.4}	2' ³	0.69	0.017	1.38	
17 ²⁰²³⁰	277'	281' ^{85.6}	4'	0.05	0.007	0.20	
0271/8	303' ^{92.3}	306'	3'	0.27	0.011	0.81	B lens
24/9	306' ^{93.3}	310' ^{94.5}	4'	0.46	0.014	1.84	Diato 0.38% WO ₃
							0.013

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 254

Location Wrights Block-Bold HeadElevation 349.54' ¹⁰⁶⁵₃₂
_{109.8}Final Depth 417' _{127.1}Co-Ords. 10,335.23N, 195.68EDip VerticalBearing -Date Commenced 11.2.69Date Completed 5.3.69

Logged: N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	60' ¹⁸³			No core		
60'	104' ₃₁₇	44'	42'	<u>Volcanics</u> - coarse grained pyroclastic rock, highly fractured and oxidized near the top of the hole. 62' to 69' 1' Lost Core 69' to 74' 1' Lost Core		
104'	132.5' ₄₀₄	28.5'		<u>Biotite Hornfels</u> - fine grained black rock.		
132.5'	138.5' ₄₂₂	6'		<u>Pyroxene Hornfels</u> - fine to medium grained green brown rock with minor garnet.		
138.5'	150' ₄₅₇	11.5'		<u>Biotite Hornfels</u> - fine grained black rock with minor pyroxene.		
150'	191' ₅₈₂	41'		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained grey black to green rock with core angles of 50° to 60°. Aplite 156' to 159' 180' to 181'		
191'	238' ₇₂₅	47'		<u>Volcanics</u> - mottled medium grained green rock with a pronounced porphyritic texture.		
238'	244' ₇₄₄	6'	4'	<u>Granite</u> - medium to coarse grained grey rock.		
244'	255' ₇₉₉	11'		<u>Pyroxene Hornfels</u> - fine grained green rock.		
255'	267' ₈₁₄	12'	11.5'	<u>Pyroxene/Garnet Pyroxene Hornfels</u> medium grained green-brown slightly banded rock.		
				<u>SAMPLED</u> 254' to 259' 5' 0.88 0.028 6" Lost Core 259' to 263' 4' 1.01 0.036 263' to 267' 4' 1.33 0.029		
267'	281' ₈₅₆	14'	12'	<u>Pyroxene/Garnet/Calcite Hornfels</u> - medium grained green brown banded rock.		
				<u>SAMPLED</u> 267' to 270' 3' 0.11 0.007 1' Lost Core 270' to 274' 4' 0.12 0.007 274' to 277' 3' 0.69 0.017 1' Lost Core 277' to 281' 4' 0.05 0.007		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 254

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
281'	306' 933	25'		Calcite Hornfels:- fine to medium grained grey slightly banded rock.		
306'	311' 948	5'		Pyroxene Hornfels:- fine grained green rock with some garnet and good disseminated scheelite.		
				<u>SAMPLED</u>		
				303' to 306' 3'	0.27	0.011
				306' to 310' 4'	0.46	0.014
311'	417'	106'		Granite:- medium to coarse grained grey-pink granite.		
				<u>HOLE COMPLETED AT 417 FEET</u>		

Possible fault 70' (21.3 m)

Major fracture 83' (25.3 m)

Major fracture 97' (29.6 m)

Incompentent ground 281' (85.6 m)

Possible fault 300' (91.4 m)

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 253

Location Wrights Block-Bold HeadElevation 391.11Final Depth 176'Co-Ords. 9700.33N, 700.75EDip VerticalBearing -Date Commenced 13/1/69Date Completed 15/1/69

Footage		Length	Description	Assay	
From	To			WO ₃	Mo
0	80'		No core		
80'	130'	50'	<u>Biotite Hornfels</u> : fine to medium grained grey rock with minor bands of volcanics in the lower part.		
130'	138'	8'	<u>Interbedded Volcanics/Biotite Hornfels</u> : variable rock containing fine grained hornfels and medium grained green volcanics.		
138'	156'	18'	<u>Volcanics</u> : fine grained green-grey rock.		
156'	176'	20'	<u>Biotite Hornfels/Volcanics</u> : fine to medium grained banded rock.		
			<u>HOLE ABANDONED AT 176 FEET</u>		
			Moved Back 1 foot and Redrilled D.D.H. 253A		
			<u>Logged: N. R. Kinnane</u>		

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 253A

Location Wrights Block-BoldHead

Elevation 391.11

119.23 122.5

Final Depth 937' 285.6

Co-Ords. 9701.33N, 700.75E

Dip Vertical

Bearing -

Date Commenced 15/1/69

Date Completed 25/1/69

Logged: N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	80'			No core		
80'	116'	56'	-	<u>Biotite Hornfels</u> - fine grained grey rock containing abundant pyrite. Minor volcanics and pyroxene bands.		
116'	137'	21'	-	<u>Volcanics</u> - fragmental medium grained rock, green in colour.		
137'	199'	62'	-	<u>Biotite Hornfels</u> - some pyroxene bands - the core is broken with very little core loss. 165' to 167' Pyroxene Hornfels.		
199'	213.5'	24.5'	-	<u>Biotite/Pyroxene Hornfels</u> - minor grossular bands with abundant pyroxene in the lower zones.		
				<u>SAMPLED</u>		
				210' to 213.5' 3.5'	0.04	0.007
213.5'	227.5'	14'	-	<u>Pyroxene Hornfels</u> - fine to medium grained rock with minor grossular bands and good disseminated scheelite.		
				<u>SAMPLED</u>		
				213.5' to 216.5' 4'	0.87	0.051
				217.5' to 221.5' 4'	0.11	0.017
				221.5' to 224.5' 3'	1.35	0.083
				224.5' to 228.5' 4'	0.13	0.013
227.5'	230'	2.5'		<u>Calcite Hornfels</u> - fine grained grey banded rock.		
230'	243'	13'		<u>Breccia</u> - broken clayey core with minor calcite.		F
243'	249.5'	6.5'		<u>Garnet/Pyroxene Hornfels</u> - a variable banded rock with minor disseminated scheelite.		
				<u>SAMPLED</u>		
				240' to 245' 5'	0.63	0.034
249.5'	259'	9.5'		<u>Pyroxene/Garnet/Calcite Hornfels</u> - a banded rock grading downward into a medium grained pyroxene rock.		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 253A

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
259'	275' 83.8	16'		<u>Pyroxene Hornfels</u> - medium grained green rock with minor garnet and a little scheelite. <u>SAMPLED</u> 251' to 255' 4' 255' to 258' 3' 258' to 262' 4' 262' to 266' 4' 266' to 270' 4' 270' to 275' 5'	0.01 0.01 0.46 0.18 0.34 0.36	0.012 0.008 0.021 0.012 0.027 0.024
275'	298' 90.8	23'		<u>Calcite Hornfels</u> - fine to medium grained grey slightly banded rock with minor pyroxene and garnet band. <u>SAMPLED</u> 275' to 281' 6' 281' to 285' 4' 285' to 290' 5' 290' to 294' 4' 294' to 298' 4'	0.24 0.02 0.04 0.01 0.01	0.018 0.007 0.006 0.008 0.009
298'	314' 95.7	16'		<u>Calcite/Garnet/Pyroxene Hornfels</u> a broadly banded rock with some minor disseminated scheelite. <u>SAMPLED</u> 298' to 302' 4' 302' to 307' 5' 307' to 312.5' 5.5'	0.44 0.01 0.24	0.036 0.009 0.014
314'	321' 91.8	7'		<u>Biotite Hornfels</u> - minor pyroxene banded in a fine grained grey rock.		
321'	327' 99.7	6'		<u>Aplite</u> - fine to medium grained pink aplite.		
327'	412' 125.6	85'		<u>Pyroxene/Biotite Hornfels</u> - banded fine grained rock with some interbedded volcanics in the lower section. 392' to 398' Volcanics.		
412'	427.5' 130.3	15.5'	14.25'	<u>Garnet Pyroxene Hornfels</u> - abundant pyroxene, the core is oxidized, brecciated and broken with abundant pyrite. <u>SAMPLED</u> 414' to 418' 4' 418' to 422' 4' 422' to 426' 4' 422' to 426' Lost Core 426' to 430' 4'	0.39 0.54 0.14 0.21	0.019 0.021 0.011 0.006
427.5'	438' 133.5	10.5'		<u>Granite</u> - medium to coarse grained grey-pink granite.		
438'	475.5' 144.9	36.5'		<u>Garnet Pyroxene Hornfels</u> - medium grained green-brown rock with good but patchy disseminated scheelite.		

DIAMOND DRILL CORE LOG SHEETS

Hole No. 253A

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
				<u>SAMPLED</u>		
				430' to 434' 4'	0.01	0.005
				434' to 438' 4'	0.01	0.005
				438' to 442' 4'	0.07	0.009
				442' to 446' 4'	0.20	0.011
				446' to 450' 4'	0.08	0.009
				450' to 454' 4'	0.05	0.008
				454' to 458' 4'	0.04	0.009
				458' to 462' 4'	0.09	0.008
				462' to 466' 4'	0.15	0.012
				466' to 470' 4'	0.15	0.010
				470' to 474' 4'	0.34	0.014
				474' to 478' 4'	0.04	0.008
475.5'	151.0 495.5'	20'		<u>Pyroxene Garnet Hornfels</u> - fine grained green black rock with ovoids of calcite and garnet.		
495.5'	151.8 498'	2.5'		<u>Biotite/Pyroxene Hornfels</u> - a fine grained banded rock containing minor disseminated scheelite.		
				<u>SAMPLED</u>		
498'	156.2 512.5'	14.5'		496.5 to 500.5' 4'	0.15	0.009
				<u>Garnet Pyroxene Hornfels</u> - oxidized and broken medium grained green brown rock.		
				<u>SAMPLED</u>		
				500.5' to 504.5' 4'	0.10	0.009
				504.5' to 508.5' 4'	0.67	0.024
				508.5' to 511.5' 3'	4.10	0.117
512.5'	163.4 536'	23.5'		<u>Banded Biotite/Pyroxene/Garnet/Calcite Hornfels</u> - a variable banded rock with minor patches of disseminated scheelite.		
				<u>SAMPLED</u>		
				526.5' to 530.5' 4'	0.49	0.015
				530.5' to 536' 5.5'	2.50	0.058
536'	184.7 606'	70'		<u>Calcite Hornfels</u> - medium grained slightly banded rock with minor amounts of grossular garnet and pyroxene.		
606'	203.6 668'	62'		<u>Biotite/Pyroxene Hornfels</u> - fine grained green black rock with ovoids of calcite and garnet.		
668'	212.6 697.5'	9.5'		<u>Pyroxene Garnet Hornfels</u> - a fine grained green-black rock with ovoids of calcite and garnet.		
697.5'	233.5 766'	68.5'	66.75'	<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock carrying good disseminated scheelite.		
				<u>SAMPLED</u>		
				694.25' to 698.5' 4.25'	0.03	0.008
				698.5' to 702.5' 4'	0.27	0.008
				702.5' to 706.5' 4'	0.38	0.016
				706.5' to 710.5' 4'	0.05	0.007

DIAMOND DRILL HOLE 253A

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
253/1	210'64.0	213.5'	3.5'	0.04	0.007	0.14	
0247/2	213.5'65.1	217.5'	4'	0.87 ✓	0.051	3.48	A Lens
6/3	217.5'66.3	221.5'	4'	0.11 ✓	0.017	0.44	11' at
7/4	221.5'67.4	224.5'68.4	3'	1.35 ✓	0.083	4.05	0.72 % WO ₃
/5	224.5'68.3	228.5'	4'	0.13	0.013	0.52	Mo: 0.050
0248/6	240'93.1	245'94.7	5'	0.63 ✓	0.034	3.15	A Lens
/7	251'76.5	255'	4'	0.01	0.012	0.04	5' at 0.63 % WO ₃
/8	255'77.8	258'	3'	0.01	0.008	0.03	
0249/9	258'78.6	262'	4'	0.46 ✓	0.021	1.84	A Lens
0250/10	262'79.8	266'	4'	0.18 ✓	0.012	0.72	17' at
18/11	266'81.0	270'	4'	0.34 ✓	0.027	1.36	0.34 % WO ₃
25/12	270'82.3	275'83.8	5'	0.36 ✓	0.024	1.80	
0250/13	275'83.8	281'	6'	0.24 ✓	0.018	1.44	0.020
/14	281'85.6	285'	4'	0.02	0.007	0.08	
/15	285'86.9	290'	5'	0.04	0.006	0.20	
/16	290'88.4	294'	4'	0.01	0.008	0.04	
/17	294'89.6	298'	4'	0.01	0.009	0.04	A Lens
0254/18	298'90.8	302'92.0	4'	0.44 ✓	0.036	1.76	A Lens
/19	302'92.0	307'	5'	0.01	0.009	0.05	
/20	307'93.6	312.5'95.2	5.5'	0.24	0.014	1.32	
0255/21	414'122.2	418'	4'	0.39 ✓	0.019	1.56	Upper B
6/22	418'127.4	422'128.6	4'	0.54 ✓	0.021	2.16	8' at 0.46 % WO ₃
/23	422'128.6	426'	4'	0.14	0.011	0.56	
/24	426'129.8	430'	4'	0.22	0.006	0.88	0.020
/25	430'131.0	434'	4'	0.01	0.005	-	
/26	434'132.3	438'	4'	0.01	0.005	-	
/27	438'133.5	442'	4'	0.08	0.009	0.32	
/28	442'134.7	446'	4'	0.20	0.011	0.80	
/29	446'136.0	450'	4'	0.08	0.009	0.32	
/30	450'137.2	454'	4'	0.05	0.008	0.20	
/31	454'138.4	458'	4'	0.04	0.009	0.16	
/32	458'139.6	462'	4'	0.10	0.008	0.40	
/33	462'140.8	466'	4'	0.16	0.012	0.64	
/34	466'142.3	470'	4'	0.16	0.010	0.64	
0257/35	470'143.2	474'144.5	4'	0.33 ✓	0.014	1.32	4' at 0.33 % WO ₃
/36	474'144.5	478'	4'	0.04	0.008	0.16	

DIAMOND DRILL HOLE 253A

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
253A/37	496.5' ^{151.2}	500.5'	4'	0.15	0.009	0.60	
/38	500.5' ^{152.4}	504.5'	4'	0.10	0.009	0.40	
0258/39	504.5' ^{153.3}	508.4'	4'	0.67 ✓	0.024	2.68	B lens 7' at 2.14 % WO ₃
94/40	508.5' ^{155.0}	511.5' ^{155.9}	3'	4.10 ✓	0.117	12.30	
0260/41	526.5' ^{160.5}	530.5' ^{155.4}	4'	0.49 ✓	0.015	1.96	B lens
18/42	530.5' ^{161.7}	536' ^{163.4}	5.5'	2.50 ✓	0.058	13.75	9.5' at 1.65 % WO ₃ 11.0' at 0.07
/43	694.25' ^{211.6}	698.5'	4.25'	0.03	0.008	0.13	
0269/44	698.5' ^{212.9}	702.5'	4'	0.27 ✓	0.008	1.08	C lens
69/45	702.5' ^{214.4}	706.5' ^{215.4}	4'	0.38 ✓	0.016	1.52	8' at 0.33 % WO ₃
/46	706.5' ^{215.3}	710.5'	4'	0.05	0.007	0.20	11.0' at 0.012
/47	710.5' ^{216.6}	713.25'	2.75'	0.16	0.011	0.44	
/48	713.25' ^{217.3}	717'	3.75'	0.12	0.009	0.45	
/49	717' ^{218.5}	721'	4'	0.15	0.010	0.60	
/50	721' ^{219.8}	725'	4'	0.18	0.013	0.72	
0264/51	725' ^{221.0}	729.25'	4.25'	0.60 ✓	0.017	2.550	
/52	729.25' ^{223.0}	734'	4.75'	0.10	0.003	0.48	
/53	734' ^{223.8}	738'	4'	0.08	0.002	0.32	
/54	738' ^{225.0}	742'	4'	0.09	0.003	0.36	
/55	742' ^{226.1}	746'	4'	0.13	0.005	0.52	
/56	746' ^{227.3}	750'	4'	0.15	0.005	0.60	
/57	750' ^{228.6}	754'	4'	0.08	0.002	0.32	
/58	754' ^{229.8}	758'	4'	0.02	<0.001	0.08	
/59	758' ^{231.0}	762'	4'	0.10	0.003	0.40	
/60	762' ^{232.2}	766'	4'	0.23	0.007	0.92	
/61	766' ^{233.4}	770' ^{234.7}	4'	<0.01	0.004	-	

DDH 253A

Major fracture 459' (139.9 m)

Major fracture 475' (144.8 m)

Possible fault 504' (153.6 m)

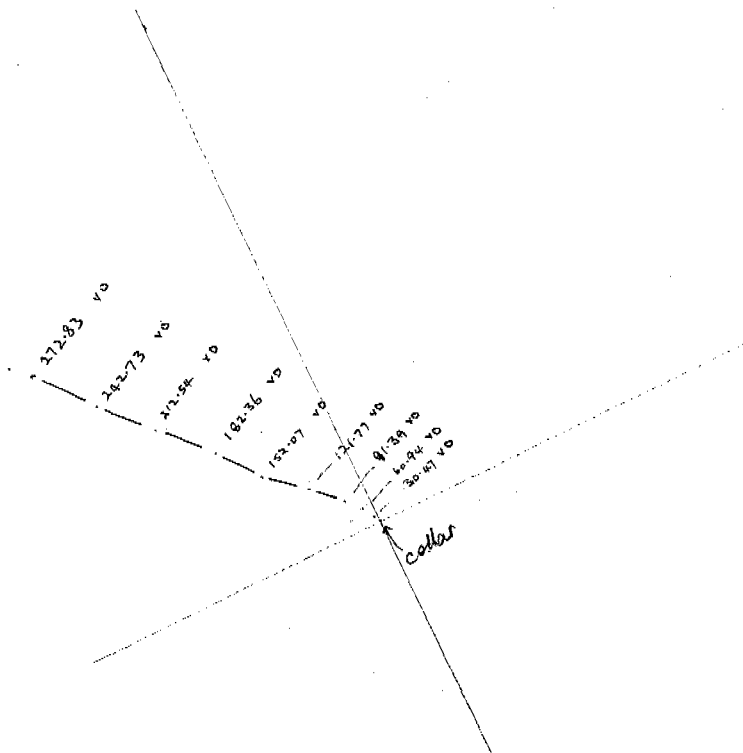
DDH 283 A

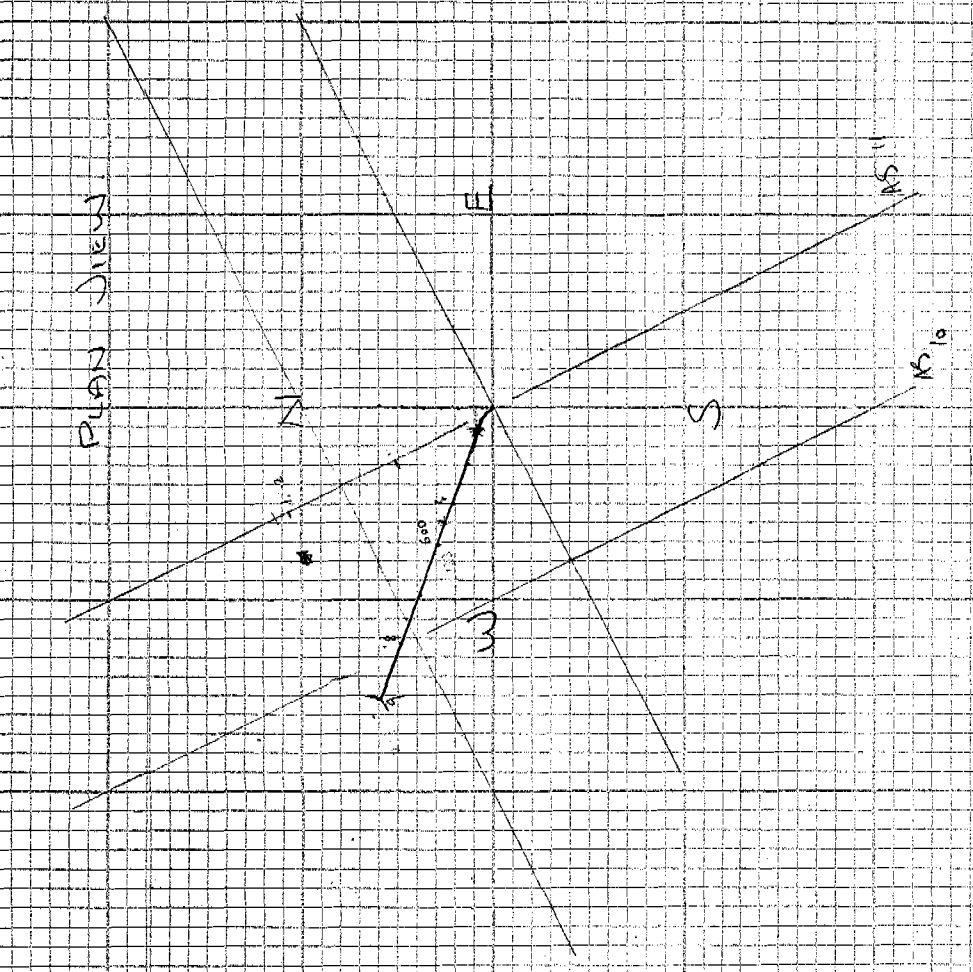
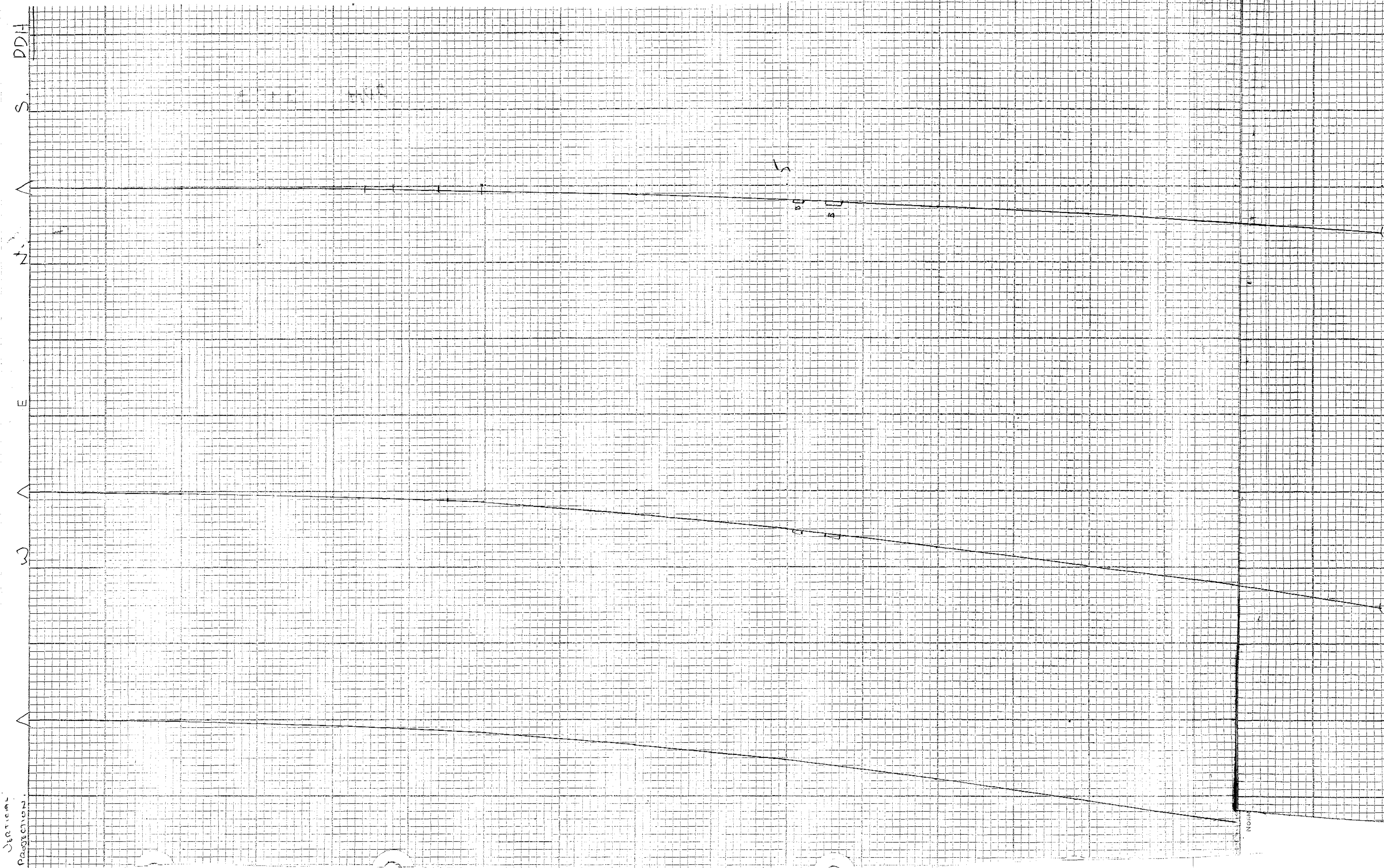
Scale 1:500

Plan view

total depth : 937' 285.60

Survey to : 900' 274.32 m





DDH 2530 13.3.70

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12	13			14			15			16		
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Coordinate Difference			Angular Difference								
												S	E	N	S	E	N	S	E	N	S	E	N
100	100	1°	9998 0175	0175	99.98	30.47 99.98	1.75	N36W	.8040 .5878	.7266	1.75	1.41											1.03
200	100	1°45'	9995 0305	0306	99.95	60.94 199.93	3.08	N65W	.4226 .9063	.4663	4.80	1.28											3.79
300	100	2°30'	9990 0436	0437	99.90	91.39 299.83	4.38	N72W	.3040 .9511	.3249	9.16	1.70											7.93
400	100	4°30'	9969 0785	0787	99.69	121.77 399.52	7.85	N73W	.2924 .9563	.3057	17.01	2.29											15.43
500	100	6°15'	9941 1089	1095	99.41	152.07 498.93	10.89	N74W	.2756 .9613	.2867	27.90	2.99											25.89
600	100	6°30'	9936 1132	1139	99.36	182.36 598.29	11.39	N67W	.3407 .9205	.4245	39.22	4.41											36.30
700	100	8°	9903 1392	1405	99.03	212.54 697.37	13.92	N70W	.3420 .9397	.3640	53.14	4.76											49.38
800	100	8°	9903 1392	1405	99.03	242.73 796.35	13.92	N68W	.3746 .9272	.4040	67.06	5.21											62.28
900	100	9°	9877 1564	1584	98.77	272.83 895.12	15.64	N65W	.4226 .9063	.4663	82.70	6.60											76.45

285.60m

Footage		Length		Description	Assay	
From	To	Run	Rec.		NO ₃	No
456 478 105.7	501 152.7	16		<u>Pyroxene Garnet Hornfels</u> - fine grained green rock with coarse ovoids of calcite and garnet. Aplite 491' to 493'.		
501	543 165.5	42		<u>Garnet Pyroxene Hornfels</u> - abundant garnet and actinolite in a medium to coarse grained green-brown rock. <u>SAMPLED</u> 500' to 504' 4' 504 to 508.5 4.5	0.60 3.30	0.016 0.049
543	546 166.4	3		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained rock with some grossular garnet.		
546	550 167.6	4		<u>Garnet Pyroxene Hornfels</u> - medium to coarse grained green brown rock. <u>SAMPLED</u> 529 to 533 4' 533 to 537 4' 537 to 541 4' 541 to 545 4'	0.16 5.00 4.20 0.17	0.010 0.054 0.052 0.011
550	565 172.2	15		<u>Pyroxene Hornfels</u> - minor biotite hornfels bands and some grossular garnet. <u>SAMPLED</u> 560 to 565 5'	0.77	0.021
565	581 177.1	16		<u>Garnet/Pyroxene/Calcite Hornfels</u> , strongly banded rock with minor biotite bands and rare patches of weak scheelite mineralisation.		
581	585 178.3	4		<u>Pyroxene Hornfels</u> - abundant veins of quartz and calcite in a fine grained green rock.		
585	590 179.8	5		<u>Garnet Pyroxene Hornfels</u> - medium grained green-brown rock with good patchy scheelite. <u>SAMPLED</u> 585 to 589 4'	0.23	0.011
590	647	57		<u>Granite</u> - medium to coarse grained grey white granite. <u>HOLE COMPLETED AT 647 FEET</u>		

DIAMOND DRILL CORE LOG SHEET

Hole No. 252

Location Investigator I - Elevation 385.42 Feet 1175.1208.
 Final Depth 647 Feet 191.28 Co-Ords. 10,299.89N, 493.90E
 Dip Vertical - 'Surveyed' Dipping -
 Date Completed 10/1/1969 Date Completed 7/2/1969

Depth		Gauges		Description	Assay	
From	To	Run	Sec.		WC	Gr
0	62' 18.9			No core		
62'	223' 18	161'		Spotted Biotite Hornfels - fine to medium grained grey spotted rock with minor pyrite along the fractures.		
223'	229' 0	6		Aplite - fine grained cream aplite.		
229	241' 73.4	12	3	Breccia - much lost ocre - highly fractured hornfels with clay and calcite filling.		
241	270' 5 82.4	29.5		Aplite - variable fine to medium grained cream to pink rock.		
270.5	284' 5 81.7	14		Biotite/Pyroxene Hornfels - spotted and well jointed banded rock containing abundant pyrite.		
284.5	314' 95.7	29.5		Garnet Pyroxene Hornfels - fine to medium grained green brown rock with minor disseminated scheelite. SAMPLED		
			309' to 313' 4'		0.34	0.016
314	321' 8 97.8	7		Biotite Hornfels - fine grained grey-black well jointed rock.		
321	369' 112.5	48		Garnet Pyroxene Hornfels - fine to medium grained green-brown rock with good disseminated scheelite. SAMPLED		
			321.5 to 325.5 4		0.46	0.019
			325.5 to 329.5 4		0.86	0.034
			329.5 to 333.5 4		0.17	0.015
			333.5 to 337.5 4		0.10	0.017
			337.5 to 341.5 4		0.40	0.022
			341.5 to 345.5 4		0.10	0.012
			345.5 to 349 3.5		0.05	0.010
			349 to 353 4		0.38	0.015
			353 to 357 4		0.62	0.033
			357 to 361 4		0.34	0.021
			361 to 365 4		2.34	0.053
			365 to 369 4		6.67	0.106
			369 to 373 4		1.63	0.030
			373 to 377 4		0.68	0.039
			377 to 381 4		1.02	0.028
			381 to 385 4		0.62	0.040
			385 to 389 4 118.57m.		0.62	0.037
369	395' 120.4	26		Pyroxene Hornfels - fine to medium grained green rock with minor garnet.		
395	436' 132.9	41	40' 2"	Pyroxene/Biotite Hornfels - fine grained grey-green banded rock. 444' 2" to 444' 9" 4" Lost Core 447' to 450' 6" Lost Core		
436	456' 39	20	12.5'	Biotite Hornfels - fine grained grey rock with bands of pyroxene. 470' to 475' 4.5' Lost Core 475' to 481' 3' Lost Core		

DIAMOND DRILL HOLE ASSAY SHEET

Hole No.: 252

Logged By: _____

	Sample No.	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	M		
	A3953	498 ^{151.8}	500	2 ¹	0.06	(0.01		
0230	252/19	500 ^{152.7}	504	4	0.60 ✓	0.016	2.4	C1 lens -
178	252/20	504 ^{153.6}	508.5	4.5	3.30 ✓	0.049	14.85	8.5' at 2.03% WO ₃
	A3954	508.5 ^{155.0}	510	1.5	0.04	(0.01		
	A3955	510 ^{155.4}	512	2	0.03	(0.01		
	A3956	512 ^{156.0}	514	2	0.04	(0.01		
	A3957	514 ^{156.7}	516	2	0.16	(0.01		
	A3958	516 ^{157.3}	518	2	0.04	(0.01		
	A3959	518 ^{157.8}	520	2	0.05	(0.01		
	A3960	520 ^{158.5}	522	2	0.04	(0.01		
	A3961	522 ^{159.1}	524	2	0.05	(0.01		
	A3962	524 ^{159.7}	526	2	0.04	(0.01		
	A3963	526 ^{160.3}	528	2	0.04	(0.01		
	A3964	528 ^{160.9}	529	2	0.04	(0.01		
	252/21	529 ^{161.2}	533	4	0.16	0.01		
0242	252/22	533 ^{163.4}	537	4	5.00 ✓	0.054	20.00	C1 lens -
0248	252/23	537 ^{163.7}	541 ^{164.9}	4	4.20 ✓	0.052	16.80	8' at 4.6% WO ₃
	252/24	541	545	4	0.17	0.011		
0244	252/25	560 ^{172.4}	565 ^{172.2}	5	0.77 ✓	0.021	3.85	C2 lens -
	252/26	585 ^{178.3}	589 ^{179.5}	4	0.23	0.011		5' at 0.77% WO ₃

DIAMOND DRILL HOLE ASSAY SHEET

Hole No.: 252 (Section 110,300)

Logged By: _____

	Sample No.	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	M.		
	A3965	280 ^{86.7}	284.5	4.5	0.06	0.014		
	A3966	284.5	286	1.5	0.04	(0.01		
	A3967	286 ^{87.2}	288	2	0.08	(0.01		
	A3968	288 ^{87.8}	290	2	0.18	(0.01		
	A3969	290 ^{88.4}	292	2	0.13	(0.01		
	A3970	292 ^{89.0}	294	2	0.03	(0.01		
	A3971	294 ^{89.6}	296	2	0.08	(0.01		
	A3972	296 ^{90.2}	298	2	0.15	(0.01		
	A3973	298 ^{90.8}	300	2	0.08	(0.01		
	A3974	300 ^{91.4}	302	2	0.19	(0.01		
	A3975	302 ^{92.0}	304	2	0.16	(0.01		
	A3976	304 ^{92.6}	306	2	0.16	(0.01		
	A3977	306 ^{93.3}	308	2	0.05	0.014		
	A3978	308 ^{93.9}	309	1	0.05	(0.01		
	0227 252/1	309 ^{94.1}	313 ^{AS 12}	4	0.34 ✓	0.016	1.36	Upper B Lens - 4' at 0.34% WO ₃
	A3979	313 ^{95.1}	315	2	0.06	0.01		
	A3980	315 ^{96.0}	317	2	0.05	0.012		
	A3981	317 ^{96.6}	319	2	0.06	0.014		
	A3982	319 ^{97.2}	321.5	2.5	0.07	0.016		
	0228 252/2	321.5 ^{98.2}	325.5	4	0.46 ✓	0.019	1.84	Upper B Lens -
	0229 252/3	325.5 ^{99.2}	329.5	4	0.86 ✓	0.034	3.44	8' at 0.66% WO ₃
	252/4	329.5 ^{100.4}	333.5	4	0.17	0.015	0.68	
	252/5	333.5 ^{101.6}	337.5	4	0.10	0.017	0.40	
	252/6	337.5 ^{102.9}	341.5	4	0.40	0.022	1.60	
	252/7	341.5 ^{104.1}	345.5	4	0.10	0.012	0.40	
	252/8	345.5 ^{105.3}	349	3.5	0.05	0.010	0.17	
	0230 252/9	349 ^{106.4}	353	4	0.38 ✓	0.015	1.52	
	252/10	353 ^{107.6}	357	4	0.62 ✓	0.033	2.48	
	252/11	357 ^{108.8}	361	4	0.34 ✓	0.021	1.36	
	0231 252/12	361 ^{110.0}	365	4	2.34 ✓	0.053	9.36	B Lens -
	252/13	365 ^{111.2}	369	4	6.67 ✓	0.106	26.68	40' at
	252/14	369 ^{112.5}	373	4	1.63 ✓	0.030	6.52	1.49% WO ₃
	252/15	373 ^{113.7}	377	4	0.68 ✓	0.039	2.72	
	252/16	377 ^{114.9}	381	4	1.02 ✓	0.028	4.08	
	252/17	381 ^{116.1}	385	4	0.62 ✓	0.040	2.48	
	0232 252/18	385 ^{117.3}	389 ^{118.6}	4	0.62 ✓	0.037	2.48	
	A3951	494 ^{150.6}	496	2	0.08	0.17		
	A3952	496 ^{151.2}	498 ^{151.8}	2	0.05	0.01		

1.5' at 0.04%
 (3)

DDH 252

Possible Fault 270' (82.3 m)

Q-Ap-BH

Fault - 285' (86.9 m)

Major fracture 404' (123.1 m)

BORE HOLE SURVEY RECORD

DATE: 8/2/69

HOLE No. 252 LOCATION Wrights Block - Bold Head

TIMES

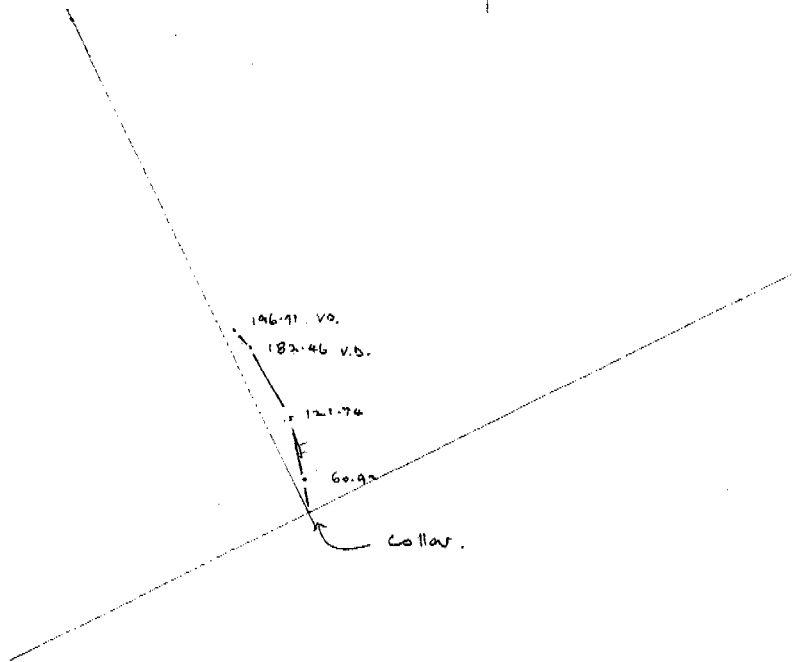
DEPTH	SET	OFF	PULLED	DIP	BRC.	REMARKS
647 600'	10.30	11.00	11.10	85°	330°	
400'	2.05	2.25	2.35	86°	346°	
200'	3.15	3.30	3.40	88°	352°	
0				90°		

DDH 252

Scale 1:500

Plan view

total depth : 647' (197.21 m)
surveyed to : 647'



BHGN

PLAN

252.

W

CROSS SECTION

E

N

LONG SECTION

1

252. 10400.89 E 10652.66 N COLLAR

 10403.92 E. 10660.80 N 118 m approx

ie. 3.03 E 8.14 N

but survey gives 1.32 ~~W~~. 6.23 N ^{magnetic} ~~plotted~~ at 121.74 m

so 118 m is relatively close to 121.74 so replot using 118 m coords.

ie 121.74 should be 1.1 E 8.5 N.

 2.66 W 4.60 N diff.

∴ 182.46 " " 3.76 13.10

 1.00 1.11 diff.

∴ 196.11 4.76 14.21

Location Investigator 1

Elevation 376.66 Feet

Final Depth 752 Feet

Co-Ords. 9748.45N, 400E

Dip Vertical

Bearing -

Date Commenced 17/1/1969

Date Completed 7/2/1969

Footage		Length		Description	Assay	
From	To	Run	Loss		NO.	kg.
0	76.231			No core		
76	130 _{39.6}	54		<u>Volcanics</u> - fine to medium grained grey-green rock highly fractured and broken. Core is well oxidised in the upper layers.		
130	135 _{4.1}	5		<u>Biotite Hornfels/Volcanics</u> - banded interbedded green volcanics and grey hornfels.		
135	247.5 _{15.4}	112.5	106.5	<u>Volcanics</u> - highly fractured and broken fine to medium grained green rock. 175 to 177 1 Lost Core 230 to 250 5 Lost Core		
247.5	253.111	5.5		<u>Biotite Hornfels</u> - banded fine grained grey rock.		
253	255.111	2		<u>Granite</u> - medium to coarse grained granite dyke.		
255	305 _{93.0}	50	41.5	<u>Biotite Hornfels</u> - fine grained grey-black rock banded in part with a high core loss. 261.5 to 267 6" Lost Core 267 to 277 2' " " 277 to 288 4' " " 288 to 296 2' " " Aplite dykes at - 262 to 263 287 to 287.5		
305	350 _{106.1}	45		<u>Banded Biotite/Pyroxene Hornfels</u> - grey banded rock with bands and blebs of pyroxene. Minor amounts of grossular garnet below 300'.		
350	366 _{11.6}	16	11.6	<u>Garnet/Pyroxene Hornfels</u> - minor biotite bands in a fine to medium grained banded rock carrying very poor scheelite.		
366	442 _{134.7}	76		<u>Volcanics</u> - mottled green-grey medium grained rock. <u>Aplite</u> - 426.5 to 428'		
442	446 _{135.9}	4		<u>Pyroxene/Garnet Hornfels</u> - minor biotite bands in a fine to medium grained banded green and brown rock with no scheelite.		
446	466 _{142.0}	20		<u>Granite</u> - grey-green medium to coarse grained fractured and jointed rock.		
466	473 _{144.2}	7		<u>Breccia</u> - clay and calcite filled fault with little core loss.		
473	501 _{152.7}	28		<u>Calcite Hornfels</u> - fine to medium grained grey rock with faint traces of bedding. The core is cut by numerous calcite veins.		
501	504 _{153.6}	3		<u>Pyroxene Hornfels</u> - fine grained dark green rock.		

(300.66)

(114.8)

+3.3

(118.1)

+talkerok

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
504	553 168.5	47		<u>Pyroxene/Biotite Hornfels</u> - banded grey-green fine grained rock.		
553	564 171.9	11		~~Pyroxene Garnet Hornfels~~ - fine grained black rock containing ovoids of garnet and calcite rimmed by pyroxene.	BPh (P)	
564	571 174.0	7		<u>Pyroxene Hornfels</u> - fine to coarse grained green rock grading into garnet-pyroxene hornfels.		
				<u>SAMPLED</u>		
				562 to 567 5'	0.54	0.083
				567 to 571 4	0.79	0.019
571	610 185.9	39		<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock with abundant calcite, quartz and actinolite. Actinolite and quartz are often associated in clusters.		
				<u>SAMPLED</u>		
				571' to 575 4	1.41	0.032
				575 to 579 4	1.04	0.021
				579 to 583 4	0.44	0.008
				583 to 587 4	0.22	0.007
				587 to 591 4	0.30	0.057
				591 to 595 4	0.58	0.226
				595 to 599 4	0.54	0.040
				599 to 603 4	0.23	0.011
				603 to 607 4	0.33	0.028
				607 to 611 4	0.15	0.008
				611 to 615 4	0.10	0.007
610	628 191.4	18		<u>Pyroxene Garnet Hornfels</u> - fine grained black rock with coarse grained ovoids of calcite and garnet.	bPh (P)	
				Fault from 621 to 624.		
628	642 195.7	14		<u>Garnet Pyroxene Hornfels</u> - medium to coarse grained rock with abundant actinolite clusters. The rock is somewhat banded in the lower part.		
				<u>SAMPLED</u>		
				626.5 to 630.5 4	0.29	0.012
				630.5 to 634 3.5	0.61	0.025
642	651 198.4	9		<u>Breccia</u> - broken core with calcite and minor quartz filling.		
651	670 204.2	19		<u>Banded Biotite/Pyroxene Hornfels</u> - minor bands of grossular garnet and calcite in a fine grained grey green banded rock.		
				<u>SAMPLED</u>		
				655.5 to 659.5 4'	0.34	0.025
670	688 204.7	18	15	<u>Biotite/Pyroxene Hornfels</u> - fine grained grey green banded rock with minor calcite.		
				670 to 673 1' Lost Core		
				673 to 680 2' " "		
688	697 212.4	9		<u>Garnet Pyroxene Hornfels</u> - banded medium grained green brown rock.		

			<u>SAMPLED</u>			
			684 to 687.5	3.5	0.06	0.011
			687.5 to 691.5	4	0.20	0.013
			691.5 to 694.5	3	0.77	0.025
697	704	7	- <u>Granite</u> - medium to coarse grained grey granite.			
704	708	4	<u>Granite/Garnet Hornfels</u> - contact zone rock with minor disseminated scheelite.			
			<u>SAMPLED</u>			
			704 to 708	4	0.12	0.007
708	752	44	<u>Granite</u> - medium to coarse grained cream to grey granite.			
			<u>HOLE COMPLETED AT 752 FEET</u>			
			<u>Hole re-opened for Survey 26/11/1969</u>			
752	805		<u>Granite</u> - Porphyritic coarse grained - Phenocrysts of orthoclase to 2.5cm in coarse grained ground mass of quartz orthoclase plagioclase and biotite.			
			Percentage of orthoclase and number of phenocrysts decreases after 780', 0'2" aplite vein at 45' to LCA at 788'.			

DIAMOND DRILL HOLE 251

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
0202 251/1	562' 11"	567'	5'	0.54	0.083	2.70	C ₁ LENS
0213/2	567' 11 1/2"	571'	4'	0.79	0.019	3.16	45' cat
43/3	571' 17 1/2"	575'	4'	1.41	0.032	5.64	0.58 % WO ₃
52/4	575' 17 1/2"	579'	4'	1.04	0.021	4.16	
63/5	579' 17 1/2"	583'	4'	0.44	0.008	1.76	
74/6	583' 17 1/2"	587'	4'	0.22	0.007	0.88	Mo: 0.048
83/7	587' 17 1/2"	591'	4'	0.30	0.057	1.20	
94/8	591' 18 1/2"	595'	4'	0.58	0.226	2.32	
0220 7/9	595' 18 1/2"	599'	4'	0.54	0.040	2.16	
0221 8/10	599' 19 1/2"	603'	4'	0.23	0.011	0.92	
0222 9/11	603' 19 1/2"	607' 18 1/2"	4'	0.33	0.028	1.32	
/12	607' 19 1/2"	611'	4'	0.15	0.008	0.60	Mo: 0.019
/13	611' 19 1/2"	615'	4'	0.10	0.007	0.40	
0223/14	626.5' 19 1/2"	630.5' 19 1/2"	4'	0.29	0.012	1.16	C ₁ /2 LENS
4/15	630.5' 19 1/2"	634' 19 1/2"	3.5'	0.61	0.025	2.14	7.5' at 0.44 % WO ₃
0225/16	655.5' 19 1/2"	659.5' 20 1/2"	4'	0.34	0.025	1.36	Footwall 1/2 LENS 4' at 0.34 % WO ₃
/17	684.2085	687.5'	3.5'	0.06	0.011	0.21	
/18	687.5' 20 1/2"	691.5'	4'	0.20	0.013	0.80	Footwall 2 LENS
0226/19	691.5' 20 1/2"	694.5' 21 1/2"	3'	0.77	0.025	2.21	3' at 0.77 % WO ₃
/20	704' 21 1/2"	707.5' 21 1/2"	3.5'	0.12	0.007	0.12	

DIAMOND DRILL HOLE SUMMARY

SHEET NO. 1 OF 1

D.D.H. 251 FINAL DEPTH 245.3 m
CO-ORDINATES N 9748.45 E 400 RELATIVE LEVEL 114.8 m
DATE COMMENCED 17/1/69 DATE COMPLETED 7/2/69
DATE SURVEYED

LOCALITY: N° 3 ORE BODY

Footage	Rock Type	Assay Results WO ₂ %	Joints per Metre							Fracture	Faulting	Filling	Bedding	Veining
			0	2	4	8	10	20	+					
213.66m	Interdigitating Granite & Hornfels									30°, 65°				
	"									"	High	Calcite/Clay		
	Granite									60°	"	Clay		Quartz
										"	"	"		
										"	"	"		Sericitized
										30°	"	"		
										"	"	"		
										30°, 60°	"	"		
										"	"	"		
224.0m										"	"	"		
										"	Moderate	"		
										30°	"	Calcite/chlorite/Clay		
										"	"	Clay/Quartz		
										"	"	Clay/Quartz/Calcite		
										"	Low - Moderate	"		
										30°, 60°	"	Clay/Epидote		
										30°	"	Clay		
										"	"	"		
										"	"	Clay/Calcite		Calcite
234.0m										"	"	Quartz		
										"	"	"		Aplite
										30°, 65°	"	Calcite/chlorite		
										(65° dom.)	"	"		
										"	"	"		
										"	"	"		
										"	"	"		
										"	"	"		
										"	"	"		
244.0m										"	"	"		
245.36m										"	"	"		

End of Hole

DDH 251

Major fracture - 161' (49.0 m)

" " 173' (52.7 m)

" " 185' (56.4 m)

Fault 249' (75.9 m) - 250' (76.0 m)

Possible fault 340' (103.6 m) - breccia clinahumite minor movement

Possible fault 350' (106.7 m) - breccia

Major fault 468' (142.6 m) - 472' (143.9 m)

Major fracture due to fault. 480' (146.3 m)

Fault - Breccia + carbonate @ 524' (159.7 m) - 327' (160.6 m)

Major fault - 645' (196.0 m) - 651.5' (198.6 m) breccia - carbonate + clinahumite

Major fracture - 675' (205.7 m)

DDH 252.

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

[illegible]

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

[illegible]

DD-1252

S A N

W A F

PROJECTION TO N/S SECTION
SCALE 1" = 50'

PROJECTION TO E/W SECTION
SCALE 1" = 50'

PLAN VIEW
1" = 50'

DD-1252

W A W

TRUE VERTICAL PROJECTION
SCALE 1"=50'

DDH 251

R.L. 1118.1m

10515.13N

40300.11 E

Depth	TUD	N	E	RL		
100'	30.4	0.5	0.8	1087.7	10515.63N	40300.91 E
200'	60.9	1.7	1.3	1057.2	10516.83N	40301.41 E
300	91.3	4.1	1.2	1026.8	10519.23N	40301.31 E
400'	121.5	7.4	0.0	996.6	10522.53N	40300.11 E
500'	151.7	11.5	W2.0	966.4	10526.63N	40298.11 E
600'	181.6	17.0	3.8	936.5	10532.13N	40296.31 E
700'	211.1	23.9	6.6	907.0	10539.03N	40293.51 E
805'	240.2	32.9	10.3	877.9	10548.03N	40289.81 E

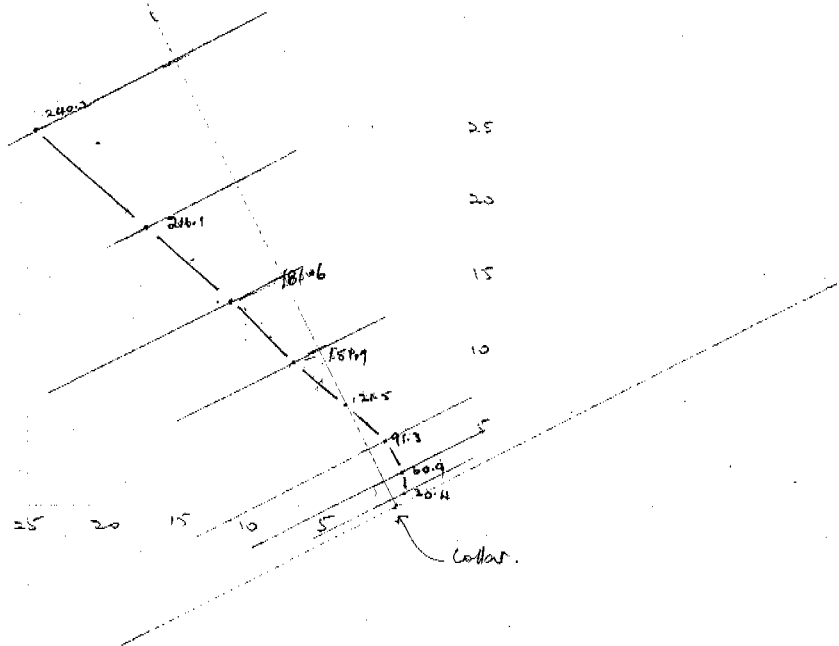
DDH 251

Scale 1:500

Plan view

total depth : 805' 245.36 m

surveyed to : 520'



DDH 251

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

DDH 251

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

DDH 251

1	2	3	4	5	6	7 *	8	9	10	11	12	13		14		15 *		16 *	
												Co-ordinate Difference		Rectangular Difference		N		S	
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	N	S	E	W	N	S	E	W
20	20	1° 45'	0.9995 0.0305	0.0306	19.99	19.99	0.61	N 73° W	0.2924 0.9563	0.3057		0.18			0.58	0.18			0.58
✓ 60	40	2° 45'	0.9988 0.0480	0.0480	39.95	59.94	1.92	N 68° E	0.3746 0.9272	0.4040		0.72		1.78		0.90		1.20	
80	20	—	—	—	19.98	79.92	0.96	N 33° E	0.8387 0.5446	0.6494		0.80		0.52		1.70		1.72	
* 100	X 20	3° —	0.9986 0.0523	0.0524	19.97	* 99.89	1.05	N 31° W	0.9744 0.2250	0.2309		1.02			0.24	* 2.72		* 1.48	45
120	20	—	—	—	19.97	119.86	1.05	N 15° W	0.9659 0.2588	0.2679		1.01			0.27	3.73		1.21	
✓ 140	20	—	—	—	19.97	139.83	1.05	N 10° W	0.9848 0.1736	0.1763		1.03			0.18	4.76		1.03	
160	20	—	—	—	19.97	159.80	1.05	—	—	—		1.03			0.18	5.79		0.85	
✓ 180	20	—	—	—	19.97	179.77	1.05	N 3° W	0.9986 0.0523	0.0524		1.05			0.05	6.84		0.80	
* 200	X 20	3° 30'	0.9981 0.0610	0.0612	19.96	* 199.73	1.22	N 36° W	0.9976 0.0698	0.0699		1.22			0.09	* 7.06		* 0.71	45
220	20	4° —	0.9976 0.0698	0.0699	19.95	219.68	1.40	N 12° W	0.9781 0.2079	0.2126		1.37			0.29	8.43		0.42	
✓ 240	20	4° 15'	0.9973 0.0741	0.0742	19.95	239.63	1.48	N 15° W	0.9659 0.2588	0.2679		1.43			0.38	9.86		0.04	
260	20	4° 30'	0.9969 0.0785	0.0787	19.94	259.57	1.57	N 21° W	0.9336 0.3584	0.3839		1.47			0.56	11.33		0.52	
✓ 280	20	—	—	—	19.94	279.51	1.57	N 35° W	0.8192 0.5736	0.7002		1.29			0.90	12.82		1.42	
* 300	X 20	4° 45'	0.9966 0.0828	0.0831	19.93	* 299.44	1.66	N 38° W	0.7880 0.6157	0.7813		1.31			1.02	* 13.93		* 2.74	45
320	20	5° 30'	0.9954 0.0958	0.0963	19.91	319.35	1.92	N 45° W	0.7071 0.7071	1.000		1.36			1.36	15.29		3.80	
✓ 340	20	6° 30'	0.9926 0.1132	0.1139	19.87	339.22	2.26	N 48° W	0.6691 0.7431	0.9004		1.51			1.75	16.80		5.55	
360	20	7° —	0.9925 0.1219	0.1228	19.85	359.07	2.44	N 49° W	0.6561 0.7547	0.8693		1.60			1.85	18.40		7.40	
✓ 380	20	7° 30'	0.9914 0.1305	0.1317	19.83	378.90	2.61	N 50° W	0.6428 0.7660	0.8391		1.68			2.00	20.08		9.40	
* 400	X 20	—	—	—	19.83	* 398.73	2.61	—	—	—		1.68			2.00	* 21.76		* 11.48	45
420	20	7° 45'	0.9909 0.1349	0.1361	19.82	418.55	2.70	N 53° W	0.6018 0.7986	0.7536		1.62			2.16	23.38		13.56	
✓ 440	20	8° —	0.9903 0.1392	0.1405	19.81	438.36	2.78	—	—	—		1.67			2.22	25.05		15.78	
460	20	8° 15'	0.9897 0.1435	0.1450	19.79	458.15	2.87	N 48° W	0.6691 0.7431	0.9004		1.92			2.13	26.97		17.91	
✓ 480	20	8° 30'	0.9890 0.1478	0.1495	19.78	477.93	2.96	—	—	—		1.98			2.20	28.95		20.11	
* 500	X 20	8° 45'	0.9884 0.1521	0.1539	19.77	* 497.70	3.04	N 49° W	0.6561 0.7547	0.8693		2.09			2.28	* 30.94		* 22.39	45
520	20	9° 15'	0.9878 0.1607	0.1629	19.74	517.44	3.21	N 48° W	0.6691 0.7431	0.9004		2.14			2.37	33.08		24.76	
✓ 600	80	11° 30'	0.9799 0.1994	0.2035	78.4	* 595.8	15.9	N 48° W	—	—		18.6			11.8	* 43.7		* 36.6	11.5
✓ 700	100	14° 30'	0.9681 0.2504	0.2586	96.8	* 692.6	25.0	—	—	—		16.77			7.86	* 60.4		* 55.2	18.4
✓ 800	105	18° —	0.9511 0.3098	0.3249	95.6	* 788.2	31.5	—	—	—		21.1			23.4	* 81.5		* 78.2	24.8

ESTIMATION ONLY

DOH 251

S

N

E

3

1400

2000

3000

4000

5000

6000

7000

9

5

10

11

12

13

14

15

Horizontal Pressure

106.4
3.3
109.7

250

99,899.11 E

Investigator 1

Elevation

349.22

Total Depth 215.75 Feet

65.76

Co-Depth

10099.08N, 100.89W

Dip Vertical

Heading -

Date Commenced 17/12/1968

Date Completed 21/12/1968

Footage			Description	Assessment	
From	To	Depth		RC	SC
0	54	16.4	No Core		
54	215	161	<u>Granite</u> - fine to medium grained grey-cream rock. Strongly jointed. <u>HOLE COMPLETED AT 215.75 FEET</u>		

295.22

310.41

Investigator 1 _____ Station # _____ 397.47 Feet
Elev. B. 559.5 Feet 11.5 _____ 10070.3N, 600.55E
Dip _____ Vertical 'Surveyed' _____
Date Collected 17/1/1969 Date Completed 14/2/1969

Elevation		Description		Analysis	
Feet	Feet			NO.	Gr.
0	278.2		No core		
27	58 11.7	31	<u>Oxidised Biotite Hornfels</u> - fine grained grey spotted rock.		
58	320 91.5	262 256	<u>Biotite Hornfels/Quartzites</u> - fine to medium grained grey rock spotted and bedded - minor pyrite occurs along the bedding and on joints. Aplite - 115 to 118 3 121 to 123 2 212 to 255 6' Lost Core. *		
320	336.5 102.5	16.5	<u>Quartz Vein</u> - carries coarse scheelite in the lower portion.		
336.5	349 106.4	12.5	<u>Garnet Pyroxene Hornfels</u> - medium grained green brown rock with some quartz and calcite. SAMPLED 336.5 to 340.5 4 1.30 0.042 340.5 to 344.5 4 0.43 0.042 344.5 to 348 3.5 0.36 0.018		
349	352 107.3	3	<u>Biotite/Pyroxene Hornfels</u> - banded fine grained rock with minor bands of grossular garnet.		
352	360 109.7	8	<u>Pyroxene Hornfels</u> - minor biotite bands and inclusions. Minor grossular garnet also occurs.		
360	374 114.0	14	<u>Garnet Pyroxene Hornfels</u> - abundant garnet and minor pyroxene. Good disseminated scheelite in a fine to medium grained green-brown rock. SAMPLED 366 to 370 4 0.57 0.019 370 to 374 4 0.18 0.007		
374	380 115.8	6	<u>Biotite Hornfels</u> - fine grained grey black rock with minor pyroxene bands.		
380	382 116.4	2	<u>Aplite</u> - fine grained cream aplite with abundant quartz.		
382	416 126.8	34	<u>Banded Garnet/Pyroxene/Biotite Hornfels</u> - fine grained banded rock with minor calcite bands becoming more abundant in the lower sections. SAMPLED 382 to 386 4' 0.49 0.021 386 to 390 4 0.51 0.037 390 to 394 4 0.41 0.021 394 to 398 4 0.58 0.023 398 to 402 4 0.40 0.018 402 to 406 4 0.58 0.037 406 to 410 4 0.15 0.032 410 to 414 4 0.19 0.012 414 to 416 2 0.34 0.021		
416	470 143.2	54	<u>Garnet Pyroxene Hornfels</u> - slightly banded medium grained green brown rock with bands rich in grossular garnet.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
				<u>SAMPLED</u>		
				416 to 420 4'	0.45	0.026
				420 to 424 4	0.22	0.014
				424 to 428 4	0.07	0.012
				428 to 432 4	0.45	0.023
				432 to 436 4	0.81	0.031
				436 to 440 4	0.37	0.023
				440 to 444 4	1.01	0.080
				444 to 448 4	0.14	0.015
				448 to 452 4	0.98	0.040
				452 to 456 4	0.37	0.022
				456 to 460 4	0.50	0.012
				460 to 464 4	0.10	0.028
				464 to 468 4	0.67	0.038
				468 to 472 4	1.14	0.034
				472 to 474 2	0.63	0.050
				474 to 478 4	0.59	0.027
470	501.5	31.5		<u>Calcite Hornfels</u> - fine to medium grained grey banded rock.		
				<u>SAMPLED</u>		
				497 to 501 4	0.81	0.027
501.5	559.5	58		<u>Banded Biotite/Pyroxene Hornfels</u> fine grained grey banded grey and green rock with bands of quartz parallel to the bedding.		
				<u>HOLE COMPLETED AT 559.5 FEET</u>		

DIAMOND DRILL HOLE 249

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
~~0182~~ 0182 249/1	336.5102.6	340.5'	4'	✓1.34	0.042	5.36	UPPER B lens
0183 249/2	340.5103.2	344.5'	4'	✓0.43	0.042	1.72	11.5' at 0.25% Mo
0184 249/3	344.5105.0	348.106.1	3.5'	✓0.36	0.018	1.26	0.73% WO ₃
0185 249/4	366.111.5	370'	4'	✓0.57	0.019	2.28	UPPER B lens
2/5	370.112.6	374'	4'	0.18	0.007	0.72	0.57% WO ₃ 0.019% Mo
0192 249/6	382.114.4	386'	4'	✓0.49	0.021	1.96	B LENS 96' at 0.45% WO ₃ 0.027% Mo
74/7	386.117.4	390'	4'	✓0.51	0.037	2.04	
85/8	390.118.9	394'	4'	✓0.41	0.021	1.64	
96/9	394.120.0	398'	4'	✓0.58	0.023	2.32	
0190 249/10	398.121.3	402'	4'	✓0.40	0.018	1.60	
18/11	402.122.5	406'	4'	✓0.58	0.037	2.32	0.027% Mo
29/12	406.123.7	410'	4'	✓0.15	0.030	0.60	
0190 249/13	410.125.0	414'	4'	✓0.19	0.012	0.76	
0193 41/14	414.126.1	416'	2'	0.34	0.021	0.68	
52/15	416.126.8	420'	4'	0.45	0.026	1.80	
63/16	420.128.0	424'	4'	0.22	0.014	0.88	
74/17	424.129.2	428'	4'	0.07	0.012	0.28	
85/18	428.130.4	432'	4'	0.45	0.023	1.80	
96/19	432.131.7	436'	4'	0.81	0.031	3.24	
0200 249/20	436.132.0	440'	4'	0.37	0.023	1.48	
18/21	440.133.1	444'	4'	1.01	0.080	4.04	
29/22	444.135.3	448'	4'	0.14	0.015	0.56	
0196 249/23	448.136.5	452'	4'	0.98	0.040	3.92	
0203 41/24	452.137.8	456'	4'	0.37	0.022	1.48	
52/25	456.139.0	460'	4'	0.50	0.012	2.00	
63/26	460.140.2	464'	4'	0.10	0.028	0.40	
74/27	464.141.4	468'	4'	0.67	0.038	2.68	
85/28	468.142.6	472'	4'	1.14	0.034	4.56	
96/29	472.143.9	474'	2'	0.63	0.050	1.26	
0210 249/30	474.144.8	478.145.7	4'	0.59	0.027	2.36	
0208 249/31	497.151.5	501.152.7	4'	0.81	0.027	3.24	

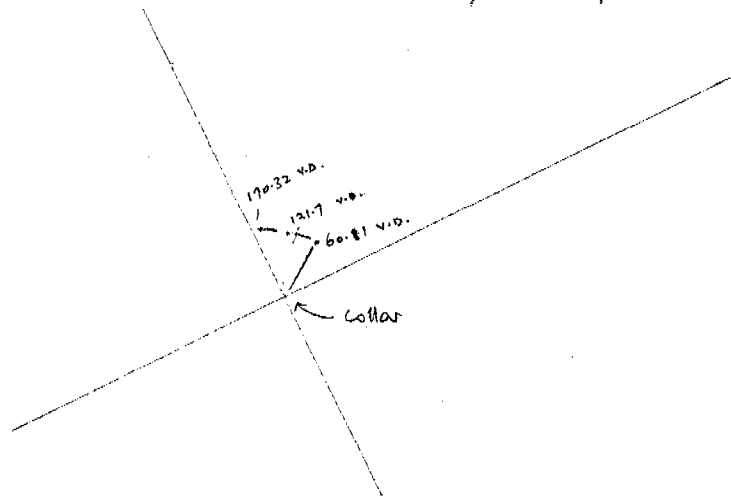
SDH 249

Scale 1"=500'

Plan View

total depth : 559.5' 170.53 m

surveyed to : 559.5' 170.53



BOLD HEAD SURVEY RECORD

DATE: 12/2/69

NO. 101

249

LOCATION Wrights Block - Bold Head

TIMES

DEPTH

SLT

STP

TOTAL

DIP

BRG.

REMARKS

545'	9.25	10.25	10.35	86°	277°
400'	11.30	12.30	1.15	88°	289°
200'	1.20	2.10	2.20	88°	30°

0 - 100

90° 360°

100 - 300

88° 30°

300 - 450

88° 289°

450 - 559

86° 277°

454.56

101/2

2.5

286.79

HOLE No. 248

Elevation 353.79

Co-Ords 10,530.74N, 407.02E

Bearing -

Date Completed 17.1.69.

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	12.2 40'			No core		
40'	67' 20.4	27'	20'	<u>Oxidized Spotted Hornfels</u> - fine to medium grained spotted rock - highly broken and fractured.		
67'	149' 45.4	82'	-	40' to 67' 7' Lost Core <u>Biotite Hornfels</u> - fine grained grey rock spotted in part.		
149'	154' 9.9	5'	-	92' to 93' Aplite. <u>Breccia</u> - highly broken with abundant quartz and pyrite.		
154'	215.5' 65.7	61.5'	-	<u>Biotite Hornfels</u> - fine grained grey rock with minor bands of pyroxene at 181' to 184' 203' to 203'6"		
215.5'	226' 68.9	10.5'	-	<u>Granite</u> - fine to medium grained grey to pink rock.		
226'	235' 71.6	9'	-	<u>Biotite Hornfels</u> - fine grained grey rock.		
235'	315' 96.0	80'	0	~~Gedrite~~ medium to coarse grained grey-green rock.		
HOLE COMPLETED AT 315 FEET						
Logged: N. R. Kinnane						

219-39

Investigator 1 _____ Elevation 361.39 Feet 110.1 113.4 m
 Total Depth 241.75 Feet 13.7 Co-Ord. 10049.43N, +109.57E 3.29
 Vertical _____ Bearing _____
 Date Commenced 12/12/1968 Date Completed 17/12/1968

Footage From	To	Run	Loss	Description	Assay	
					Wt. %	Mo.
0	82.25			No Core		
82	104.5 _{3.9}	21.5	18.5	<u>Volcanics</u> - fine grained green mottled rock broken and fractured with some core loss. 86.5 to 89.5 2' Lost Core 94.75' to 96.75' 1' Lost Core		
104.5	241.75 _{0.37}	137.25		<u>Granite</u> - medium to coarse grained grey-pink granite, open joints carry clinohumite and chlorite. <u>HOLE COMPLETED AT 241.75 FEET</u>		

D.D.H. 246

Re-Surveyed March, 1970, by Pat Coleman

N 109,653.03 - E 100,596.33

R.L. 384.65

117.24
3.29
120.53

384.65
72.000?

312.65

NOT ON
PLAN.

GEOPEKO LIMITED

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 246

No 3 Ore body

Location Wrights Block-Bold Head Elevation 383.62

Final Depth 865' ^{281.64m} * 924' Co-Ords. 6653.14N, 597.74E

Dip Vertical Bearing -

Date Commenced 13/12/68 Date Completed 21/1/69

Logged: N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	52' 158			No core		
52'	165' 50.3	93'	92'	<u>Volcanics</u> - fine to medium grained oxidized in the upper twenty feet. 52' to 71' 1' Lost Core		
165'	173' 52.7	8'		<u>Biotite/Pyroxene Hornfels/</u> <u>Volcanics</u> - a banded, fine to medium grained banded and inter-bedded rock.		
173'	238' 12.5	65'		<u>Volcanics</u> - fine grained grey-green mottled rock with minor pyrite. (looks like lower Volcs)		
238'	255' 11.9	17'		<u>Biotite/Pyroxene Hornfels</u> - banded rock with fine grained biotite and pyroxene bands - minor sulphides.		
255'	282' 85.9	67'		<u>Pyroxene/Biotite/Garnet Hornfels</u> - a strongly banded rock with pronounced grossular bands. Garnet becomes more abundant below 270'. Minor disseminated scheelite. SAMPLED		
			83.5	270' to 274' 4'	0.13	0.010
				274' to 278' 4'	0.71	0.032
				278' to 282' 4'	0.39	0.029
282'	327' 99.7	45'		<u>Calcite Hornfels</u> - fine grained grey rock containing minor grossular garnet and minor scheelite.		
327'	339' 103.3	12'		<u>Pyroxene Hornfels</u> - fine grained green rock with very little scheelite. SAMPLED		
			99.67	327' to 333' 6'	0.49	0.027
				333' to 338' 5'	0.26	0.019
339'	405' 123.4	66'	65'	<u>Biotite/Pyroxene Hornfels</u> - banded fine grained grey-green rock fractured in the upper six feet. Minor pyroxene at 354'. Aplite 367' Aplite 376' to 381' 349' to 368' 1' Lost Core		

DIAMOND DRILL CORE LOG SHEETS

Hole No. _____

Footage		Length		Rec.	DESCRIPTION	Assay	
						Wc ₂	Mo
405'	476' 145.1	71'			<u>Volcanics</u> - fine to medium grained grey-green spotted rock. Broken core at 460'		
476'	491.5' 149.8	15.5'			<u>Banded Biotite/Pyroxene Hornfels</u> - minor pyroxene bands in a fine to medium grained grey rock.		
491.5'	512' 156.0	20.5'			<u>Granite</u> - a medium to coarse grained dyke rock.		
512'	523' 159.4	11'			<u>Banded Pyroxene/Garnet/Biotite Hornfels</u> - abundant grossular bands with minor disseminated scheelite.		
523'	541' 164.9	18'	17'		<u>Garnet Pyroxene Hornfels</u> - medium to coarse grained green-brown rock with minor calcite.		
			159.1		<u>SAMPLED</u> 522' to 526' 4' 526' to 530' 4' 530' to 534' 4' 534' to 536' 2' 163.4	1.59 0.61 1.89 0.11	0.050 0.018 0.064 0.007
					From 528' to 534' 1' Lost Core		
541'	595' 181.3	54'	53'		<u>Calcite Hornfels</u> - medium grained grey banded rock with minor disseminated scheelite. Minor grossularite and pyroxene bands. 576' to 581' 1' Lost Core 576' to 581' Quarts vein carrying scheelite.		
					<u>SAMPLED</u> 581' to 585' 4'	0.22	0.015
595'	600' 182.9	5'			<u>Pyroxene Hornfels</u> - fine to medium grained green rock with minor disseminated scheelite.		
600'	677' 206.3	77'			<u>Biotite/Pyroxene Hornfels</u> - fine grained grey biotite rock with blebs and bands of pyroxene		
677'	723' 220.4	46'			<u>Pyroxene Garnet Hornfels</u> - fine grained green-black rock containing ovoids of pyroxene and grossularite. Little disseminated scheelite is present in the ovoids.		
723'	780' 231.7	57'	56'6"		<u>Garnet-Pyroxene Hornfels</u> - medium to coarse grained green-brown rock carrying good disseminated scheelite.		
			221.6		<u>SAMPLED</u> 723' to 727' 4' 727' to 731' 4' 731' to 735' 4' 735' to 739' 4'	0.13 0.45 0.24 0.37	0.005 0.010 0.009 0.018

DIAMOND DRILL CORE LOG SHEETS

Hole No. 246

Footage		Length		DESCRIPTION	Assay	
From	To	Run	Rec.		WO ₃	Mo
				739' to 743' 4'	0.37	0.018
				743' to 747' 4'	0.35	0.021
				747' to 751' 4'	0.43	0.030
				747' to 751' 6" Lost Core		
				751' to 755' 230-1' 4'	0.41	0.019
				755' to 759' 4'	0.23	0.013
				759' to 763' 4'	0.07	0.010
780'	846' 257.9	66'		<u>Banded Pyroxene/Biotite/Garnet Calcite Hornfels</u> - minor disseminated scheelite in grossularite and calcite bands.		
846'	851' 259.4	7'		<u>Breccia</u> - strongly broken ground with clay and calcite filling.		
851'	861' 262.4	10'		<u>Pyroxene/Biotite Hornfels</u> - finely laminated rock with abundant pyroxene bands.		
861'	865'	4'		<u>Granite</u> - coarse grained pink and grey granite.		
HOLE COMPLETED AT 865 FEET						
HOLE REOPENED For Survey 24.2.70 - Completed 5.3.70						
863	924	61	59	GRANITE - coarse grained, porphyritic orthoclase granite, biotite chief mafic mineral, quartz > 10% Several very fine to fine pinkophite bands. Irregular areas of major increase in mafic mineral, these areas generally finer grained, a few oblique joint faces with minor alteration margins & clayey coatings.		

HOLE RE-OPENED FOR SURVEY 24/2/1970 -
COMPLETED 5/3/1970.

863

924

61

59

GRANITE - Coarse grained,
porphyritic orthoclase granite,
biotite chief mafic mineral, quartz
<10%. Several very fine to fine
pink aplite bands. Irregular areas
of major increase in mafic mineral,
these areas generally finer grained,
a few oblique joint faces with
minor alteration margins and clayey
coatings.

DIAMOND DRILL HOLE

246

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
246/1	270'82.2	274'	4'	0.13	0.010	0.52	Mo: 0.031
0167/2	274'83.6	278'	4'	✓0.71	0.032	2.84	A lens 8' at
8/3	278'84.9	282' 86.0	4'	✓0.39	0.029	1.56	0.55% WO ₃
9/4	327'89.7	333'	6'	✓0.49	0.027	2.94	A lens 11' at
0170/5	333'101.4	338' 103.0	5'	✓0.26	0.019	1.30	0.39% WO ₃ Mo: 0.005%
0171/6	522'159.1	526'	4'	✓1.59	0.050	6.36	B lens
28/7	526'160.3	530'	4'	✓0.61	0.018	2.44	12' at
31/8	530'161.6	534'	4'	✓1.89	0.064	7.56	1.36% WO ₃
/9	534'162.8	536'	2'	0.11	0.007	0.22	Mo: 0.044%
/10	580'176.8	584'	4'	0.22	0.015	0.88	
/11	723'220.3	727'	4'	0.13	0.005	0.52	
0174/12	727'221.6	731'	4'	✓0.45	0.010	1.80	C LENS.
15/13	731'223.0	735'	4'	✓0.24	0.009	0.96	22' at
2/14	735'224.0	739'	4'	✓0.07	0.007	0.28	0.33% WO ₃
7/15	739'225.2	743'	4'	✓0.37	0.018	1.48	
8/16	743'226.4	747'	4'	✓0.35	0.021	1.40	
9/17	747'227.7	751'	4'	✓0.43	0.030	1.72	
0180/18	751'229.0	755'	4'	✓0.41	0.019	1.64	0.016% Mo
17/19	755'230.1	759' 232.6	4'	✓0.23	0.013	0.92	
/20	759'231.3	763'	4'	0.07	0.010	0.28	

Fault 385' (117.3 m)

Major fracture 485' (138.7 m)

Major fracture 460' (140.2 m)

Major fracture 611' (186.2 m)

Incompetent ground 847' (258.2 m)

CALCULATION SHEET NO. 2

[illegible][illegible]

DDH 249

S
▲
N

W
▲
E

22

W

E

PLAN VIEW
SCALE 1"=50'

PROJECTION TO E/W SECTION
SCALE 1"=50'

PROJECTION TO N/S SECTION
SCALE 1"=50'

DDN 249

W Δ E



TRUE VERTICAL PROJECTION
SCALE 1"=50'

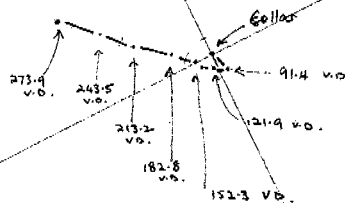
DDH 246

Scale 1"=500'

Plan view

total depth: 924' 281.63 m

surveyed to: 900' 274.32 m



Projection.

W

E

N

S

DD-1 24

1

2

4

3

4

4

5

8

6

7

8

9

10

W

E

S

DIAMOND DRILL HOLE NO. 244

LOCATION:

No. 3 Orebody

CO-ORDINATES:

9998.96N, 306.86E

R.L.:

374.19 Feet $\begin{array}{r} 114.0 \\ + 3.5 \\ \hline 117.3 \end{array}$

DDH 244 has been
surveyed twice (see
General file) and neither
agree with these
Co-ords or R.L.

DATE COMMENCED:
Re-Opened:

6th December, 1968
4th May, 1970.

DATE COMPLETED:

16th January, 1969
21st May, 1970.

FINAL DEPTH:

300 Feet
547 Feet 1167

DATE SURVEYED:

-

LOGGED BY: to 300'
to 547'

N. R. Kinnane
P. Le Messurier.

374.19
50.00
324.19
check on R.L.?

GEOPEKO LIMITED

DIAMOND DRILL CORE LOG SHEETS

HOLE No. 244

Location Wrights Block-Bold HeadElevation 374.19Final Depth 300'Co-Ords. 9998.96N, 306.86EDip VerticalBearing -Date Commenced 6/12/68Date Completed 16/1/69

Logged: N. R. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	40'			No core		
40'	50'	10'	2'	<u>Oxidized Volcanics</u> - fine to medium grained green brown rock. 40' to 50' 8' Lost Core		
50'	143.5'	93.5'	43.25'	<u>Volcanics</u> - fine to medium grained green rock, broken and fractured. 50' to 52' 1.75' Lost Core 52' to 66' 13' " " 66' to 90' 20' " " 100' to 110' 8.5' " " 117' to 120' 1' " " 120' to 129' 5' " "		
143.5'	157.5'	14.5'		<u>Granite</u> - medium grained aplite-granite dyke.		
157.5'	170'	12.5'		<u>Volcanics</u> - fine to medium grained green rock - fragmental in part.		
170'	174'	4'		<u>Granite</u> - medium grained cream-grey granite.		
174'	235'	61'	35'	<u>Volcanics</u> - fine grained green-grey mottled rock. 182' to 187' 4' Lost Core 187' to 195' 5' Lost Core 195' to 205' 7' Lost Core 205' to 210' 4' Lost Core 210' to 235' 6' Lost Core		
235'	300'	65'		<u>Biotite Hornfels</u> - some pyroxene bands in a fine grained grey rock. High core loss:- 235' to 274' 19' Lost Core 274' to 300' 14.5' " "		
				HOLE COMPLETED AT 300 FEET		

334.19

CHECK RE 244
1st HOLE PLAN

GEOPEKO LIMITED, KING ISLAND.

DIAMOND DRILL LOG

DRILL HOLE No. 244

SAMPLE No.	DISTANCE		LENGTH SAMPLED	LENGTH REC'D.	ASSAYS		UNIT	GEOLOGICAL DESCRIPTION	FRACTURING
	FROM	TO			WO ₃	Mo			
	0	40 <i>12.2</i>	40	0				No Core, surface soil, sand and clay and very weathered bedrock.	
	40	50 <i>15.2</i>	10	2				a META VOLCANICS, very oxidised and clayey, much limonite staining.	
	50	143.5 <i>43.7</i>	93.5	43				a META VOLCANICS, fine to medium grey green, chlorite rich, very fractured in part, some minor siliceous zones. Major areas of core loss. 50' - 66' - 14' Lost Core 66 - 90 - 20 " " 100 - 110 - 8.5 " " 117 - 129 - 6 " "	
	143.5	157.5 <i>48.0</i>	14	14				GRANITE, medium grained, aplite-granite dyke, very biotite rich for most of unit.	
	157.5	170 <i>51.8</i>	12.5	12				a META VOLCANICS, fine to medium grained green rock fragmental in part, fragments very chlorite rich, irregular patches of epidotisation. A few very thin aplite veins.	
	170	174 <i>53.0</i>	4	4				GRANITE, medium grained cream grey granite with some porphyritic orthoclase, a few siliceous aplitic veins with epidotisation.	
	174	200 <i>60.96</i>	26	13				a META VOLCANICS, fine grained grey green mottled rock, chlorite rich.	
	200	274 <i>83.5</i>	74	40				BIOTITE HORNFELS, very fine grained, dark brown rock with abundant biotite both in matrix and as distinct bands.	
	274	300 <i>91.4</i>	26	3				Very mixed broken core showing pieces of both biotite hornfels and B Meta Volcanics. Hole originally abandoned at this depth.	
	300	367 <i>111.9</i>	67	65				B Meta Volcanics, massive, fine to medium grained crystalline rock of biotite, feldspar, pyroxene chlorite tremolite composition, strong volcanic texture still evident.	
	367	375.5 <i>114.4</i>	8.5	8.5				GRANITE, medium grained, very biotite rich, a few siliceous aplitic veins.	

SAMPLE No.	DISTANCE		LENGTH SAMPLED	LENGTH REC'D.	ASSAYS		UNIT	GEOLOGICAL DESCRIPTION	FRACTURING
	FROM	TO			WO ₃	Mo			
A2801	375.5	377	1.5	1.5	0.06	(0.01		PYROXENE HORNFELS, thinly banded with some calcite hornfels and garnet bands, minor scheelite.	
A2802	377	379	2	2	0.08	(0.01			
A2803	379	381	2	2	0.09	(0.01		CALCITE HORNFELS, many pyroxene bands.	
A2804	381	382	1	1	0.30	(0.01		GARNET PYROXENE HORNFELS, many calcite hornfels bands. Limestone banded altered and recrystallised many pyroxene, biotite and chloritic bands.	
A2805	382	386	4	4	0.02	(0.01			
A2806	386	390	4	4	0.01	(0.01			
A2807	390	391	1	1	0.02	(0.01			
A2808	391	393	2	2	0.40	(0.01		GARNET/PYROXENE HORNFELS, banded fine grained many calcite hornfels bands, irregular chloritic veins and blotches, disseminated scheelite.	
A2809	393	395	2	2	0.07	(0.01			
A2810	395	397	2	2	0.10	(0.01			
A2811	397	399	2	2	0.08	(0.01		CALCITE HORNFELS, with abundant interbeds of pyroxene and garnet hornfels, alteration very variable and discontinuous, disseminated scheelite irregularly throughout.	
A2812	399	401	2	2	1.43	0.054			
A2813	401	413	2	2	0.11	(0.01			
A2814	403	405	2	2	0.09	(0.01			
A2815	405	407	2	2	0.15	(0.01			
A2816	407	409	2	2	0.07	(0.01			
A2817	409	411	2	2	0.03	(0.01			
A2818	411	413	2	2	0.25	(0.01			
A2819	413	415	2	2	0.08	(0.01			
A2820	415	419	4	4	0.02	(0.01		CALCITE HORNFELS, recrystallised and with a little alteration in part, numerous calcite veins, very occasional scheelite.	
A2821	419	437	18	18					
A2822	437	440.5	3.5	3.5	0.03	(0.01		PYROXENE HORNFELS, many interbeds of garnet and calcite hornfels, disseminated scheelite.	
A2823	440.5	442.5	2	2	0.06	(0.01			
A2824	442.5	444.5	2	2	0.09	(0.01			
A2825	444.5	446.5	2	2	0.04	(0.01			
A2826	446.5	449	2.5	2	0.04	(0.01		GRANITE, medium to coarse grained, porphyritic in part, fairly massive, a biotite rich finer bands and a few aplitic veins.	
A2827	449	547	98	95					

Logged By P. Le Messurier

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
Q0116	A2801	375.5 ^{114.4}	377	1.5	0.06	(0.01		
Q0117	A2802	377 ^{114.9}	379	2	0.08	(0.01		
Q0118	A2803	379 ^{115.5}	381	2	0.09	(0.01		
0159	A2804	381 ^{116.1}	382	1	0.30	(0.01		1' at 0.3% WO ₃
Q0119	A2805	382 ^{116.4}	386	4	0.02	(0.01		
Q0120	A2806	386 ^{117.6}	390	4	0.01	(0.01		
Q0121	A2807	390 ^{118.9}	391	1	0.02	(0.01		
0160	A2808	391 ^{119.2}	393	2	0.40	(0.01		2' at 0.4% WO ₃
Q0122	A2809	393 ^{119.8}	395	2	0.07	(0.01		
Q0123	A2810	395 ^{120.4}	397	1	0.10	(0.01		
Q0124	A2811	397 ^{121.0}	399	2	0.08	(0.01		
0161	A2812	399 ^{121.6}	401	2	1.43	0.054		2' at 1.43% WO ₃
Q0125	A2813	401 ^{122.2}	403	2	0.11	(0.01		
Q0126	A2814	403 ^{122.8}	405	2	0.09	(0.01		
Q0127	A2815	405 ^{123.4}	407	2	0.15	(0.01		
Q0128	A2816	407 ^{124.0}	409	2	0.07	(0.01		
Q0129	A2817	409 ^{124.6}	411	2	0.03	(0.01		
0162	A2818	411 ^{125.3}	413	2	0.25	(0.01		2' at 0.25% WO ₃
Q0130	A2819	413 ^{125.9}	415	2	0.08	(0.01		
Q0131	A2820	415 ^{126.5}	419 ^{127.7}	2	0.02	(0.01		
Q0132	A2821	437 ^{133.2}	440.5	3.5	0.03	(0.01		
Q0133	A2822	440.5 ^{134.3}	442.5	2	0.06	(0.01		
Q0134	A2823	442.5 ^{134.9}	444.5	2	0.09	(0.01		
Q0135	A2824	444.5 ^{135.5}	446.5	1	0.04	(0.01		
Q0136	A2825	446.5 ^{136.1}	449 ^{136.8}	2.5	0.04	(0.01		

DDH 244

Breccia 130' (39.6 m) - def fault.

Incompetent ground 187' (57.0 m), 210' (64.0 m), 216' (65.8 m), 218' (66.4 m),
225' (68.6 m).

Major Fracture 331' (100.9 m), in LV
335' (102.1 m), in LV

LV weathered

0 - 143 UV

157 - 170 UV

174 - 200 UV

300 - 367 LV

Fault at 130' (39.6 m)

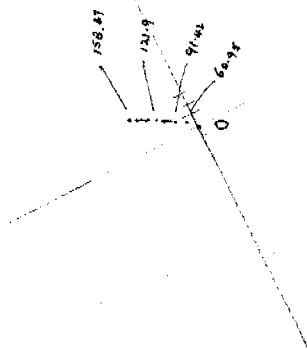
DDH 244

Scale 1:500

Plan View

total depth : 547' 166.73 m

Reversed to : 520' 158.50 m



DDH 244

Depth 520'

Casing 212'

Surveyed 21.5.70

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection
200	200	45'	.9999 0131	.0131	199.980	199.980 ^{60.95}	2.62	N 64 W	.4384 .8988	.4877	* 2.62
220	20	1° 45'	.9995 0305	.0306	19.990	219.970	.61	N 75 W	.2528 .9659	.2679	3.23
240	20	2° 15'	.9992 0393	.0393	19.984	239.954	.79	S 62 W	.4695 .8829	.5317	4.02
260	20	1° 15'	.9998 0218	.0218	19.996	259.950	.44	N 86 W	.0698 .9976	.0699	4.46
280	20	2°	.9994 0349	.0349	19.988	279.938	.70	N 75 W	.2528 .9659	.2679	5.16
300	X 20	2°	.9994 0349	.0349	19.988	299.926	.70	N 80 W	.1736 .9848	.1763	* 5.86
320	20	1° 45'	.9995 0305	.0306	19.990	319.916	.61	S 73 W	.3924 .9563	.3057	6.47
340	20	1° 45'	.9995 0305	.0306	19.990	339.906	.61	N 75 W	.2528 .9659	.2679	7.08
360	20	2° 15'	.9992 0393	.0393	19.984	359.990	.79	N 82 W	.1392 .9803	.1405	7.87
380	20	2° 45'	.9988 0480	.0480	19.976	379.966	.96	N 85 W	.0872 .9862	.0875	8.83
400	X 20	2°	.9994 0349	.0349	19.988	399.954	.70	N 74 W	.2756 .9613	.2867	* 9.53
420	20	3°	.9986 0523	.0524	19.972	419.926	1.05	N 83 W	.1319 .9925	.1228	10.58
440	20	3°	.9984 0523	.0524	19.988	439.914	.70	N 83 W	.1219 .9925	.1228	11.38
460	20	3°	.9986 0523	.0524	19.972	459.986	1.05	N 88 W	.0349 .9994	.0349	12.33
480	20	2° 45'	.9988 0480	.0480	19.976	479.962	.96	S 80 W	.1726 .9848	.1763	13.29
500	X 20	3°	.9986 0523	.0524	19.972	499.934	1.05	N 84 W	.0175 .9998	.0175	* 14.34
520	158.50 X 20	3° 45'	.9982 0480	.0480	19.976	519.910	.96	S 81 W	.1564 .9877	.1584	* 15.00
540	200	45'	.9999 0131	.0131	199.980	199.980	2.62	N 64 W	.4384 .8988	.4877	2.62
560	20	1° 45'	.9995 0305	.0306	19.990	219.970	.61	N 64 W	.4384 .8988	.4877	3.23
580	20	1° 45'	.9995 0305	.0306	19.990	239.960	.61	S 75 W	.2528 .9659	.2679	3.84
600	20	1° 45'	.9995 0305	.0306	19.990	259.950	.61	N 82 W	.1392 .9803	.1405	4.45
620	20	2° 15'	.9992 0393	.0393	19.984	279.934	.79	N 84 W	.1045 .9945	.1051	5.24
640	20	2°	.9994 0349	.0349	19.988	299.922	.70	S 80 W	.1726 .9848	.1763	5.94
660	20	2° 45'	.9988 0480	.0480	19.976	319.998	.96	N 86 W	.0698 .9976	.0699	6.90
680	20	2°	.9994 0349	.0349	19.988	339.986	.70	N 75 W	.2528 .9659	.2679	7.60
700	20	2° 15'	.9992 0393	.0393	19.984	359.970	.79	S 77 W	.2250 .9744	.2309	8.39
720	20	2°	.9994 0349	.0349	19.988	379.958	.70	N 76 W	.2419 .9703	.2493	9.09
740	20	2° 45'	.9988 0480	.0480	19.976	399.934	.96	N 84 W	.0175 .9998	.0175	10.05
760	20	2°	.9994 0349	.0349	19.988	419.922	.70	N 85 W	.0872 .9862	.0875	10.75

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

13	14	15	16
Co-ordinate Difference			
N	S	E	W
1.15		2.35	* 1.15 ³⁵
.15		.59	1.30
	37	.69	.93
.63		.44	.96
.18		.68	1.14
.12		.69	* 1.26 ³⁸
	18	.58	1.08
.15		.59	1.23
.11		.78	1.34
.08		.96	1.42
.19		.67	* 1.61 ⁴⁹
.13		1.04	1.74
.09		.69	1.83
.04		1.05	1.87
	17	.95	1.70
.02		1.05	* 1.72
	15	.95	* 1.57 ⁴⁸
1.15		2.35	2.72
.27		.55	2.99
	15	.59	2.84
.08		.60	2.92
.08		.79	3.00
	12	.69	2.88
.07		.96	2.95
.18		.68	3.13
	18	.77	2.95
.17		.68	3.12
.02		.96	3.14
.06		.70	3.20
			25.17

244

[illegible]

CALCULATION SHEET NO. 2

[illegible]

Projection

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PLAN DICK

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DIAMOND DRILL HOLE NO. 243

LOCATION: No. 3 Orebody

CO-ORDINATES: 10,197.89N:302.49E

R.L.: 369.19 Feet $\begin{pmatrix} 112.5 \\ 3.3 \\ 115.8 \end{pmatrix}$

DATE COMMENCED: 17th January, 1969

DATE COMPLETED: 28th January, 1969

FINAL DEPTH: 509 Feet (155.1)

DATE SURVEYED: -

LOGGED BY: N. R. Kinnane & P. Le Messurier

369.19

SAMPLE
No.DEPTH
FeetW6₃ Mo

ORIENTATIONAL DESCRIPTION

STRUCTURE

	0	52	52	0		
	52	72	20	20		
	72	79	7	7		
	79	81	2	1.5		
	81	92.5	11.5	11		
	92.5	236	143.5	140		
	236	252	16	15		
	252	294	42	41		
	294	301.5	7.5	7		
	301.5	309	7.5	7		
A3593	309	311	2	2	0.20	0.012
A3594	311	313	2	2	0.08	(0.01
A3595	313	314	1	1	0.07	(0.01
	314	317	3	3	1.13	0.031
	317	321	4	4	1.73	0.034
A3596	321	323	2	2	0.14	0.012
3597	323	325	2	2	0.07	0.010

No Core

No Core

α META VOLCANICS

52 - 72

15.8 21.9

α META VOLCANICS, fine grained grey-green felsic and with abundant chlorite, numerous irregular blebs and flecks give fragmented appearance, some lineations of blebs.

GRANITE

72 - 79

24.1

GRANITE, medium to coarse grained cream, porphyritic in part.

α META VOLCANICS

α META VOLCANICS, fine grained grey green somewhat fragmental rock.

GRANITE

81 - 92.5

28.2

GRANITE, medium grained cream rock, porphyritic in part, some biotite segregation, well jointed.

α META VOLCANICS

92.5 - 236

71.9

α META VOLCANICS, fine to medium grained green rock, fragmental in part with minor pyroxene and biotite bands. From 225 - 235 strongly broken and altered with chloritic clay bands, minor aplite vein in this section.

BIOTITE PYROXENE HORNFELS

236 - 252

76.8

BIOTITE PYROXENE HORNFELS, irregularly inter-banded in irregular bands, many highly altered bands and unit broken and well jointed.

B META VOLCANICS

252 - 294

89.6

B META VOLCANICS, fine to medium grained granular rock of pyroxene and biotite in well developed crystals and flecks, in finer felsic groundmass. Many remnant larger what feldspars give mottled appearance.

GRANITE

294 - 301.5

91.9

GRANITE - medium to coarse grained cream granite, highly jointed and fractured, many micaceous sections and clayey alteration.

B META VOLCANICS

301.5 - 309

94.2

B META VOLCANICS, fine to medium grained green mottled rock as above.

BIOTITE PYROXENE HORNFELS

309 - 314

95.7

BIOTITE PYROXENE HORNFELS, fine grained banded grey-green and brown with minor garnet and calcite bands, sporadic disseminated scheelite.

PYROXENE HORNFELS

PYROXENE HORNFELS, generally coarse grained and massive at top becoming finer and banded towards base. Irregular garnet, biotite and calcite rich bands, variable areas of disseminated

DESCRIPTION

scheelite. Minor aplite at 345 feet.

CALCITE HORNFELS

31 - 385

70 117.3

CALCITE HORNFELS, fine to medium grained grey rock slightly banded and cut by calcite veinlets. Minor amounts of pyroxene also occur.

BIOTITE HORNFELS

35 - 391

119.2

BIOTITE HORNFELS, fine grained grey to black banded rock.

PYROXENE GARNET HORNFELS

41 - 393

119.8

PYROXENE GARNET HORNFELS, fine grained black rock with ovoids of calcite, garnet and pyroxene.

BRECCIA

- 395

120.4

BRECCIA, broken and fractured biotite hornfels with clay filling.

BIOTITE HORNFELS

- 399

121.6

BIOTITE HORNFELS, black fine grained rock banded in part.

GRANITE

49 - 450

137.2

GRANITE, medium to coarse grained grey to cream granite.

VOLCANICS

50 - 462

140.8

VOLCANICS, minor biotite bands in a medium grained mottled green rock.

GRANITE

52 - 509

GRANITE - medium to coarse grained grey-cream rock.

END OF HOLE.

WO₃ Mo

A3598	325	327	2	2	0.07 (0.01)
A3599	327	329	2	2	0.10 (0.01)
A3600	329	331	2	2	0.04 (0.01)
A3718	331	333	2	2	0.04 (0.01)
A3719	333	335	2	2	0.12 (0.01)
A3720	335	337	2	2	0.10 (0.01)
A3721	337	340	3	3	0.05 (0.01)
	340	344	4	4	0.6 (0.01)
A3722	344	346	2	2	0.06 (0.01)
A3723	346	348	2	2	0.08 (0.01)
A3724	348	350	2	2	0.14 (0.01)
A3725	350	351	1	1	0.09 (0.01)

A3726	351	353	2	2	0.02 (0.01)
A3727	353	355	2	2	0.01 (0.01)
	355	385	30	30	

385	391	6	6
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391	393	2	2
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393	395	2	1
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395	399	4	4
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399	450	51	50
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450	462	12	10
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462	509	49	48
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4

DIAMOND DRILL HOLE ASSAY SHEET

HOLE No. 243LOGGED BY P. Le Messurier

	Sample No.	FOOTAGES			ASSAY		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
Q0109	A3593	309 ^{94.2}	311	2	0.20	0.012		
	A3594	311 ^{94.8}	313	2	0.08	(0.01		
	A3595	313 ^{95.4}	314	1	0.07	(0.01		
Q156	243/1	314 ^{95.7}	317	3	1.13	0.031	3.39	2-1 B Lens -
7	/2	317 ^{96.6}	321 ^{97.8}	4	1.73	0.034	6.92	7' at
Q0110	A3596	321 ^{97.8}	323	2	0.14	0.012		1.47% WO ₃
	A3497	323 ^{98.2}	325 ^{99.1}	2	0.07	0.01		0.0025
Q0111	A3718	331 ^{100.9}	333	2	0.04	(0.01		
	A3719	333 ^{101.5}	335	2	0.12	(0.01		
Q0112	A3720	335 ^{102.1}	337	2	0.10	(0.01		
	A3721	337 ^{102.7}	340	3	0.05	(0.01		
Q158	243/3	340 ^{103.6}	344 ^{104.5}	4	0.59	(0.01		B Lens -
Q0113	A3722	344 ^{104.8}	346	2	0.06	(0.01		4 at 0.59% WO ₃
	A3723	346 ^{105.5}	348	2	0.08	(0.01		1.2
Q0114	A3724	348 ^{106.0}	350	2	0.14	(0.01		0.703
	A3725	350 ^{106.7}	351	1	0.09	(0.01		
Q0115	A3726	351 ^{107.0}	353 ^{108.2}	2	0.02	(0.01		
	A3727	353 ^{107.6}	355	2	0.01	(0.01		

Major fracture 37' (17.4 m)

Major fracture 64' (19.5 m)

Broken up granite + clinollumite 77' (23.5 m)

Possible fault 120' (36.6 m)

Incompetent ground 222' (67.7 m)

Possible fault 225' (68.6 m)

Incompetent ground 244' (74.4 m)

Possible fault 291' (88.7 m)

Possible fault 294' (89.6 m) leached granite

Incompetent ground 328' (100.0 m)

Incompetent ground 340' (105.5 m)

Major fracture 393' (119.8 m)

Fault 476' (145.1 m)

DIAMOND DRILL HOLE BOREHOLE SURVEY

1 of 2

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. 243
Total Depth 509
Casing Depth

Date Surveyed 25/6/70
Depth Surveyed To 435'
Surveyed By V.M. FREESTONE

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
	0	OPEN			16	22	300	5 30	N73W
	1	OPEN			16	23	300	5 30	N71W
	2	OPEN				24	320	5 30	N67W
	3	CLOSED				25	340	5 45	N65W
	4	" (moving)				26	360	5 45	N67W
	5	10' 1° 0'		N49W		27	380	6 0	N70W
	6	20' 1 0		N60W	11	28	400	6 15	N62W
	7	40' 2 30		N79W		29	400	6 15	N61W
	8	60 2 30		N59W		30	moving		
	9	80 2 15		N71W		31	"		
26	10	100 3 15		N83W		32	"		
26	11	100 3 15		N82W		33	420 6 45		N62W
	12	120 3 30		N79W		34	43- (moving)		
	13	140 4 15		N79W		35	435 6 30		N64W
	14	160 4 30		N75W		36	420 6 45		N63W
	15	180 5 0		N65W	11	37	400 6 30		N65W
21	16	200 5 0		N70W		38	380 6 30		N65W
21	17	200 5 0		N70W		39	360 6 15		N66W
	18	220 5 15		N70W		40	360 "		"
	19	240 5 45		N74W		41	360 "		"
	20	260 6 0		N75W		42	3- (moving)		
	21	280 5 30		N73W		43	340 6 15		N63W

REMARKS: -

DIAMOND DRILL HOLE BOREHOLE SURVEY

2 of 2

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No.

243

Date Surveyed

25/0/70

Total Depth

509

Depth Surveyed To

435'

Casing Depth

Surveyed By

V. M. FREESTONE

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
	44	320	6° 0'	N63W					
16	45	300	6° 0'	N65W					
	46	280	5° 45'	N73W					
	47	260	5° 45'	N73W					
	48	240	5° 30'	N66W					
	49	220	5° 15'	N66W					
21	50	200	5° 0'	N70W					
	51	180	5° 0'	N70W					
	52	160	4° 45'	N77W					
	53	140	4° 0'	N72W					
	54	120	3° 30'	N70W					
26	55	100	3° 15'	N80W					
	56	80	2° 15'	N75W					
	57	60	2° 45'	N80W					
	58	40	2° 15'	N76W					
	59	20	1° 0'	N46W					
	60	10	0° 45'	N6° E					
	-	CLOSED							
	-	CLOSED							
	64	CLOSED							
	65	OPEN							
	66	OPEN							

REMARKS:-

OLD HOLE

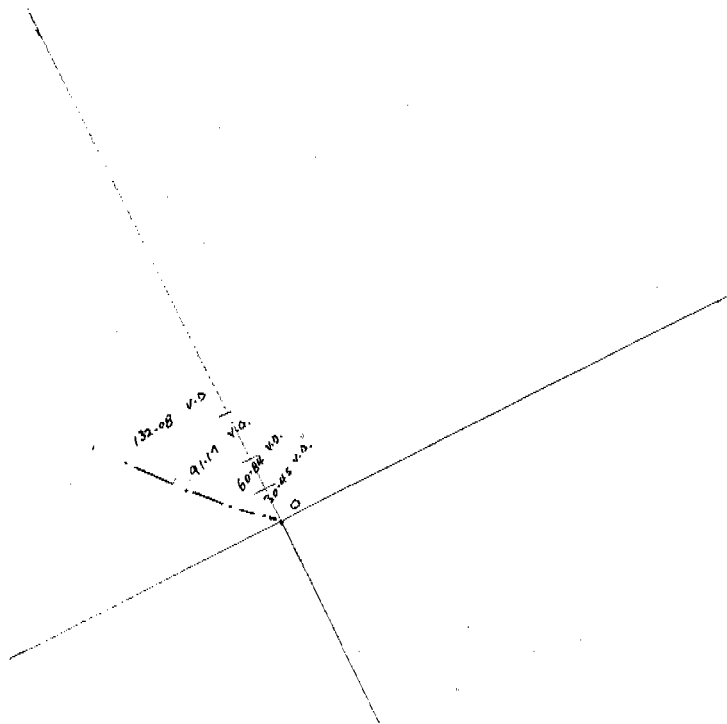
DDH 243

Scale 1:500

Plan view.

Total depth : 509' 155.14 m

Averaged to : 435' 132.59 m.



DDI No. 243

DATE SURVEYED: - 25/6/70

TOTAL DEPTH: - 509

SURVEYED TO: - 4435'

DD-243

1 of 2 D.D.H. - 243.

DATE SURVEYED - 25/6/70

TOTAL DEPTH - 509'

SURVEYED TO - 435'

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

1	2	3	4	5	6	7	8	9	10	11	12
Depth	Course Length	Drift Angle	Cosine of Mean Drift Angle	Tangent of Mean Drift Angle	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine of Mean Drift Direction	Tangent of Mean Drift Direction	Deflection
10	10	1° 0'	0.9998	0.0153	9.9980	9.9980	0.1530	N49W			0.1530
		0 45						N6E?			
20	10	1 0	0.9998	0.0175	9.9980	19.9960	0.1750	N60W	0.3420 (N70W)	0.9397	0.3280
		1 0						N46W			
40	20	2 15	0.9992	0.0393	19.9840	39.9800	0.7860	N79W	0.2164	0.9763	1.1140
		2 15						N76W			
60	20	2 15	0.9990	0.0436	19.9800	59.9600	0.8720	N59W	0.3502	0.9367	1.9860
		2 45						N80W			
80	20	2 15	0.9982	0.0393	19.9840	79.9440	0.7860	N71W	0.2824	0.9563	2.7720
		2 15						N75W			
100	X 20	3 15	0.9984	0.0567	19.9680	99.9120	1.1340	N83W	0.1478	0.9890	3.9060
		3 15						N80W			
120	20	3 30	0.9981	0.0610	19.9620	119.8740	1.2200	N79W	0.2672	0.9636	5.1260
		3 30						N70W			
140	20	4 15	0.9974	0.0719	19.9480	139.8220	1.4380	N79W	0.2504	0.9681	6.5640
		4 0						N72W			
160	20	4 30	0.9967	0.0806	19.9340	159.7560	1.6120	N75W	0.2419	0.9703	8.1760
		4 45						N77W			
180	20	5 0	0.9962	0.0872	19.9240	179.6800	1.7440	N65W	0.3827	0.9239	9.9200
		5 0						N70W			
200	X 20	5 0	0.9962	0.0872	19.9240	199.6040	1.7440	N70W	0.3420	0.9397	11.6640
		5 0						N70W			
220	20	5 15	0.9958	0.0915	19.9160	219.5200	1.8300	N70W	0.3746	0.9272	13.4940
		5 15						N66W			
240	20	5 45	0.9952	0.0980	19.9040	239.4240	1.9600	N74W	0.3420	0.9397	15.4540
		5 30						N66W			
260	20	6 0	0.9947	0.1023	19.8940	259.3180	2.0460	N75W	0.2756	0.9613	17.5000
		5 45						N73W			
280	20	5 30	0.9952	0.0980	19.9040	279.2220	1.9600	N73W	0.2824	0.9563	19.4600
		5 45						N73W			

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

13	14	15	16
Co-ordinate Difference		Rectangular Difference	
S	E	N	W
0.1122	0.3082	0.1122	0.3082
0.1701	0.7674	0.2823	1.0756
0.3054	0.8168	0.5877	1.8924
0.1298	0.7516	0.8175	2.6440
0.1676	1.1215	0.9851	3.7655
0.3260	1.1756	1.3111	4.9411
0.3601	1.3921	1.6712	6.3332
0.3899	1.5641	2.0611	7.8973
0.6674	1.6112	2.7285	9.5086
0.5964	1.6388	3.3249	11.1474
0.6855	1.6968	4.0104	12.8442
0.6703	1.8418	4.6807	14.6860
0.5639	1.9668	5.2446	16.6528
0.5731	1.8743	5.8177	18.5271

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Depth	Course Length	Drift Angle	Cosine of Mean Drift Angle	Mean Drift angle	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine of Mean Drift Direction	Mean Drift Direction	Deflection	Coordinate Difference				Rectangular Difference			
												N	S	E	W	N	S	E	W
300	X 20	5 30	0.9950 0.1002	5 45	19.9000	91.019 21.99.1220	2.0040	N 72 W	0.3665 0.9304	N 68 1/2 W	21.4680	0.7345			1.8645	2.0 X 6.5522			6.21 X 20.3916
		6 0						N 65 W											
320	20	5 30	0.9950 0.1002	5 45	19.9000	319.0220	2.0040	N 67 W	0.4226 0.9063	N 65 W	23.4680	0.8469			1.8162	7.3991			22.2078
		6 0						N 63 W											
340	20	5 45	0.9945 0.1045	6 0	19.8900	338.9120	2.0900	N 65 W	0.4384 0.8988	N 64 W	25.5580	0.9162			1.8785	8.3153			24.0863
		6 15						N 63 W											
360	20	6 45	0.9945 0.1045	6 0	19.8900	358.8020	2.0900	N 68 W	0.3987 0.9171	N 66 1/2 W	27.6480	0.8333			1.9167	9.1486			26.0030
		6 15						N 66 W											
380	20	6 0	0.9941 0.1089	6 15	19.8820	378.684	2.1780	N 70 W	0.3827 0.9239	N 67 1/2 W	29.8260	0.8335			2.0122	9.9821			28.0152
		6 30						N 65 W											
400	X 20	6 15	0.9938 0.1110	6 22 1/2	19.8760	398.5600	2.2200	N 62 W	0.4462 0.8949	N 63 1/2 W	32.0460	0.9906			1.9867	10.9727			30.0019 X 28.2149
		6 30						N 65 W											
420	20	6 45	0.9931 0.1175	6 45	19.8620	418.4220	2.3500	N 62 W	0.4617 0.8870	N 62 1/2 W	34.3960	1.0850			2.0844	12.0577			32.0863 31.9963
		6 45						N 63 W											
435	X 20 15	6 30	0.9936 0.1132	6 30	14.9040	433.3260	1.6980	N 64 W	0.4384 0.8988	N 64 W	36.0940	0.7444			1.5262	3.90 X 12.8021			6.25 33.134 X 33.6225 10.24

DIAMOND DRILL CORE LOG SHEET

329.19

File No. 241

Location Bold Head (E.L. 15/66)
 Final Depth 190 Feet
 Dip Vertical
 Date Commenced _____

Elevation 389.79 Feet
 Co-Ord. 10000.23N, 501.79E
 Bearing 40362.19E 10569.89N
 Date Completed _____
 1122.1 R.L.

NOT ON PLAN 118.8

(22.1)

Footage		Length		Description	Assay	
From	To	Run	Sec.		WO ₃	Mo
0	60 ^{18.3}			No Core		
60	82 ²⁵	22		<u>Volcanics</u> - fine grained green rock containing abundant pyrite at 67'. Lost Core 60 to 63 1' 63 to 70 1'		
82	84 ^{25.6}	2		<u>Pyroxene Hornfels</u> - fine grained green rock with abundant pyrite and a little disseminated scheelite.		
84	90 ^{27.4}	6		<u>Banded Garnet/Pyroxene/Biotite Hornfels</u> A variable banded rock containing abundant grossular garnet with minor pyrite and scheelite.		
90	94.5 ^{28.8}	4.5		<u>Pyroxene Hornfels</u> - fine grained green rock containing minor amounts of grossularite.		
94.5	114 ^{34.7}	20.5		<u>Pyroxene/Garnet Pyroxene Hornfels</u> - abundant fine disseminated scheelite in a grossularite rich rock. <u>SAMPLED</u> 92.5 to 98 5.5 98 to 104 6 104 to 108 4 108 to 112 4 112 to 116 4 Rock becomes rich in grossular garnet and calcite at 104 Feet. 100 to 104 2' Lost Core.	0.50 1.62 0.54 0.56 0.24	
114	122 ^{37.2}	8	Pyr	<u>Pyroxene Hornfels</u> - fine to medium grained green rock. <u>SAMPLED</u> 116 to 120 4 120 to 125 5	0.33 0.34	
122	147 ^{44.8}	25		<u>Calcite/Garnet/Pyroxene Hornfels</u> - a variable banded rock containing abundant grossular garnet and pyroxene. Rock becomes Garnet Pyroxene in composition.		
147	174 ⁵³	27		<u>Pyroxene/Biotite Hornfels</u> - minor garnet and a little scheelite. Pyroxene and garnet with minor disseminated scheelite.		
174	190	16		<u>Biotite Hornfels</u> - fine grained spotted rock, grey to black in colour. <u>HOLE COMPLETED AT 190 FEET</u>		

DIAMOND DRILL HOLE 241

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
0449/1	92.5' ^{28.2}	98' ^{29.9}	5.5'	0.50	0.42	2.25	A lens
50/2	98'	104' ^{31.7}	6'	1.76	0.093	9.7275	32.5' at
4/3				1.49 ^{1.625}	0.051 ^{0.071}		
12/4	104'	108' ^{32.9}	4'	0.54	0.016	2.16	0.63 % WO ₃
23/5	108'	112' ^{34.1}	4'	0.56	0.077	2.24	
34/6	112'	116' ^{35.3}	4'	0.24	0.034	0.96	
48/7	116'	120' ^{36.6}	4'	0.33	0.028	1.32	0.398 % Mo
0155/8	120'	125' ^{38.1}	5'	0.34	0.045	1.70	

DIAMOND DRILL HOLE NO. 240

LOCATION:

No. 3 Orebody

CO-ORDINATES:

10396.31N:313.49E

R.L.:

350.94Feet 106.96

3.29

110.25

DATE COMMENCED:

DATE COMPLETED:

FINAL DEPTH:

401 Feet 122.2

122.2

DATE SURVEYED:

LOGGED BY:

N. R. Kinnane

RE-LOGGED BY:

P. Le Messurier

4-7
303.94

SAMPLE NO.	78.4	73	70.2	69.2	WO ₃	Mo	GRAIN	PHYSICAL DESCRIPTION	FRACTURING
0	42							No Core	No Core
42	120	78	50					<u>A VOLCANICS</u> 42' - 120' 12.8 36.6	<u>A VOLCANICS</u> , upper five feet consists of oxidised and broken fine grained volcanics grading into a coarse mottled agglomerate. Core badly fractured from base with well developed breccia cemented with quartz and calcite 105 to 115.
120	224	104	101					<u>B META VOLCANICS</u> 120' - 224' 68.3	<u>B META VOLCANICS</u> , medium to fine granular rock of biotite, pyroxene and feldspar with strong remnant dolerite texture. An altered and clayey zone 146'-150'. Coarse grained aplite at 155' to 162', 174' to 182' and 195.5' to 197'. 47.2 49.3 53.0 55.4
224	240	16	16					<u>BIOTITE HORNFEELS</u> 224' - 240' 62 99.8	<u>BIOTITE HORNFEELS</u> , fine grained banded rock with minor scheelite at 248' and with abundant sulphides in some bands, irregular biotite garnet and calcite rich bands sporadically throughout.
262	266	4	4		0.63	0.014		<u>GARNET/PYROXENE HORNFEELS</u> 262' - 286' 87.2	<u>GARNET/PYROXENE HORNFEELS</u> , medium grained green rock containing good disseminated scheelite & some sulphides.
266	270	2	2		0.29	0.008			
270	274	4	4		0.66	0.021			
274	278	4	4		0.38	0.014			
278	282	4	4		0.28	0.015			
282	286	4	4		0.59	0.022			
286	290	4	4		0.04	0.007		<u>CALCITE HORNFEELS</u> 286 - 343 104.5	<u>CALCITE HORNFEELS</u> , minor garnet, pyroxene and biotite bands, abundant disseminated scheelite in upper zone.
290	294	4	4		0.33	0.011			
294	298	4	4		0.03	0.006			
298	302	4	4		0.42	0.017			
302	306	4	4		0.01	0.004			
306	310	4	4		0.15	0.008			
A3983	310	2	2		0.05	(0.01			
A3984	312	2	2		0.01	(0.01			
A3985	314	4	4		0.01	(0.01			
A3986	318	2	2		0.01	(0.01			
A3987	320	2	2		0.23	(0.01			
A3988	322	2	2		0.46	0.029			
A3989	324	2	2		0.01	(0.01			
A3990	326	2	2		0.20	0.012			
A3991	328	2	2		0.01	(0.01			
	330	11	11						
A3992	341	2	2		0.01	(0.01			
A3993	343	2	2		0.27	0.02		<u>PYROXENE HORNFEELS</u> 343 - 350 106.9	<u>PYROXENE HORNFEELS</u> , broken and brecciated fine grained green rock.
A3994	345	2	2		0.19	0.042			
	347	3	3						
350	401	51	43					<u>BIOTITE/PYROXENE HORNFEELS</u> 350-401	<u>BIOTITE/PYROXENE HORNFEELS</u> , fine grained banded grey green rock. Granite from 352 to 354 and 369 to 378. Lost Core 394 to 401.6'

HOLE COMPLETED - 401 FEET

DIAMOND DRILL HOLE ASSAY SHEET

Hole No.: 240

Logged By: _____

	Sample No.	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	M.		
0140	240/1	262 ^{114.5}	266	4	0.63	0.014	2.52	
	1/2	266 ^{81.1}	270	4	0.29	0.008	1.16	
	2/3	270 ^{82.3}	274	4	0.66	0.021	2.64	0.47% 24'
	3/4	274 ^{83.5}	278	4	0.38	0.014	1.52	B 0.016
	4/5	278 ^{84.7}	282	4	0.28	0.015	1.12	
	5/6	282 ^{85.9}	286 ^{87.2}	4	0.59	0.022	2.36	
0165	/7	286	290	4	0.04	0.007	0.16	
0146	/8	290 ^{88.3}	294	4	0.33	0.011	1.32	
0166	/9	294 ^{89.6}	298	4	0.03	0.006	0.12	0.26% 12'
0147	/10	298 ^{90.8}	302 ^{92.0}	4	0.42	0.017	1.68	B
0102	/11	302 ^{92.4}	306	4	(0.01)	0.004	0.04	
0103	/12	306 ^{93.3}	310	4	0.15	0.008	0.60	
00104	A3983	310 ^{94.5}	312	2	0.05	(0.01)		
	A3984	312 ^{95.1}	314	2	0.01	(0.01)		
00105	A3985	314 ^{95.7}	318	4	0.01	(0.01)		
	A3986	318 ^{96.4}	320	2	0.01	(0.01)		
00106	A3987	320 ^{97.5}	322	2	0.23	(0.01)		
0148	A3988	322 ^{98.1}	324	2	0.46	0.029	0.92	2' at 0.46% WO ₃
00107	A3989	324 ^{98.7}	326	2	0.01	(0.01)		
	A3990	326 ^{99.4}	328	2	0.20	0.012	0.40	
	A3991	328 ^{100.0}	330 ^{100.6}	2	0.01	(0.01)		
00108	A3992	341 ^{103.9}	343	2	0.01	(0.01)		
	A3993	343 ^{104.5}	345	2	0.27	0.02		2' at 0.27% WO ₃
	A3994	345 ^{105.2}	347 ^{105.8}	2	0.19	0.042		

UV - 100' (30.5 m)

BH 100' - 108' (32.9 m)

Fault zone 108 - 116' (35.3 m)

LV

Possible fault @ 348' (106.1 m)

Possible fault - 402' (122.5 m)

DIAMOND DRILL HOLE NO. 239

LOCATION:

No. 3 Orebody (Line 110, 400N)

CO-ORDINATES:

~~10,389.58N:409.64E~~ 110 401.37N

R.L.:

~~367.7 Feet~~ 365.50

, 100, 404.16E

DATE COMMENCED:

6th December, 1968

DATE COMPLETED:

13th December, 1968

FINAL DEPTH:

552.

~~440~~ Feet 14.2

DATE SURVEYED:

-

LOGGED BY:

-

338.50

DEPTH Feet	TO Feet	START Feet	END Feet	WO ₃	Mo
0	27				
27	74	47			
74	108	34			
108	124	16			
124	131	7			
131	161	30			
161	190	29			
190	250	60			
250	286	36			
A3995	286	288	2	2	0.06 0.011
A3996	288	290	2	2	0.05 0.005
A3997	290	292	2	2	0.46 0.022
A3998	292	294	2	2	0.07 0.025
239/1	294	298	4	4	2.06 0.043
/2	298	302	4	4	3.03 0.064
/3	302	306	4	4	0.39 0.018
/4	306	310	4	4	0.82 0.067
/5	310	314	4	4	0.28 0.020
/6	314	318	4	4	0.57 0.022
/7	318	322	4	4	0.14 0.004
239/12	322	324	2	2	0.02 0.026
/13	324	328.5	4.5	4.5	0.03 0.031
/8	328.5	332.5	4	4	0.82 0.061
/9	332.5	336.5	4	4	1.67 0.026

No Core

No Core

BIOTITE HORNFELS

 27 - 74
82 22.5

BIOTITE HORNFELS, oxidised fine grained spotted rock fractured and broken. Lost core - 27' to 38' - 10'; 38' to 45' - 1'; 45' to 63' - 10'.

BRECCIA

74 - 108 32.9

BRECCIA, fragmental broken rubbly green hornfels and quartzites. Minor chlorite on fractures.

BIOTITE HORNFELS

108 - 124 37.8

BIOTITE HORNFELS, fine grained greenish rock broken and lost core. Lost core - 108' to 112' - 2.5'.

PYROXENE HORNFELS

124 - 131 37.8 39.9

PYROXENE HORNFELS, fine grained green rock with minor disseminated scheelite from 128' to 131'.

NO. 1 FAULT
APLITE

 131 - 161
39.9 49.1

APLITE, fine to coarse grained aplite grained dyke rock, biotite hornfels at 142' to 143'. Probably enplaced on major fault.

BIOTITE HORNFELS

161 - 190

57.9

BIOTITE HORNFELS, fine grained grey rock containing abundant sulphides on joints and bedding planes. Minor pyroxene at 190 feet.

VOLCANICS

190 - 250

76.2

VOLCANICS, fine grained greasy mottled fractured and jointed. Some pyroxene rock at 250'. Aplite at 255 to 260.

BIOTITE HORNFELS

250 - 286

87.2

BIOTITE HORNFELS, fine grained grey rock, fractured and broken. 2" aplite at 269' and 274'.

PYROXENE HORNFELS

286 - 322

98.1

PYROXENE HORNFELS, minor biotite hornfels, fine grained green rock with disseminated low grade scheelite from 286' to 294'. Minor calcite and sulphides.

BIOTITE/PYROXENE HORNFELS

322 - 336.5

102.6

BIOTITE/PYROXENE HORNFELS, minor calcite and disseminated scheelite. Pyroxene more abundant below 330'.

239/14

336.5

340

3.5

WO₃ Mo

0.14 0.005

/15

340

342

2

2

0.12 0.002

/10

342

346

4

4

2.17 0.008

PYROXENE HORNFELS

336.5 - 346

105.5

PYROXENE HORNFELS, fine to medium grained,

green mottled rock containing abundant calcite and minor disseminated scheelite.

CALCITE HORNFELS

346 - 381

116.1

CALCITE HORNFELS, fine to medium grained impure

hornfels, patches rich in pyroxene with minor disseminated scheelite. Pyroxene rich rock from 372 to 381. Calcite less abundant.

Lost Core - 358 to 368 - 1'; 356 to 358 - 1'.

BIOTITE/PYROXENE HORNFELS

381 - 388

118.3

BIOTITE/PYROXENE HORNFELS, fine grained banded

rock with abundant sulphide in the pyroxene bands. Lost core 384 to 386 - 1'.

BIOTITE HORNFELS

388 to 431

131.3

BIOTITE HORNFELS, fine grained grey rock

containing some pyroxene bands with associated sulphide.

APLITE

431 - 433.5

132.1

APLITE, coarse grained, grey rock.

BIOTITE HORNFELS

433.5 - 440

134.1

BIOTITE HORNFELS, fine grained grey rock with some pyroxene bands.

HOLE COMPLETED AT 440 FEET

431

433.5

2.5

433.5

451.5

18

251.5
131.6

155.2

100.5

433

DIAMOND DRILL HOLE ASSAY SHEET

Hole No.:

239

Logged By: _____

	Sample No.	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WC ₃	M.		
Q0097	A3995	286 ^{87.2}	288	2	0.06	0.011	0.12	B Lens - 28' at 1.05% WO ₃ Mo. 0.005%
~~Q0096~~	A3996	288 ^{87.8}	290	2	0.05	0.005	0.10	
0128	A3997	290 ^{88.4}	292	2	0.46	0.022	0.92	
9	A3998	292 ^{89.0}	294	2	0.07	0.025	0.14	
9	239/1	294 ^{89.6}	298	4	2.06	0.043	8.24	
~~0128~~	0130/2	298 ^{90.8}	302	4	3.03	0.064	12.12	
	1/3	302 ^{92.0}	306	4	0.39	0.018	1.56	
	2/4	306 ^{93.3}	310	4	0.82	0.067	3.28	
	3/5	310 ^{94.5}	314	4	0.28	0.020	1.12	
	4/6	314 ^{95.7}	318 ^{96.9}	4	0.57	0.022	2.28	
Q0098	/7	318 ^{96.9}	322	4	0.14	0.004	0.56	
Q0099	/12	322 ^{98.1}	324	2	0.02	0.026	0.04	
Q0100	/13	324 ^{98.7}	328.5	4.5	0.03	0.031	0.13	
	0135/8	328.5 ^{101.3}	332.5	4	0.81	0.061	3.24	
	6/9	332.5 ^{102.5}	336.5	4	1.67	0.026	6.68	
	7/14	336.5 ^{103.6}	340	3.5	0.14	0.005	4.90	B Lens - 17.5' at 1.36% WO ₃ 0.023% Mo.
	8/15	340 ^{104.2}	342	2	0.12	0.002	0.24	
	9/10	342 ^{105.5}	346	4	2.17	0.008	8.68	
Q0001	/11	369 ^{112.5}	371 ^{113.0}	0 2	0.57	0.007		

Major fracture @ 128' (39.0 m)

Fault 131' (39.9 m) - 163' (49.7 m) Boundary Fault?

Fault 182' (55.5 m)

Major fracture @ 194' (59.1 m)

Major fracture @ 196' (59.7 m)

Major fracture @ 204' (62.2 m)

Major fracture @ 216' (65.8 m)

Major fracture @ 219' (66.8 m)

Major fracture @ 223' (68.0 m)

Major fracture @ 225' (68.6 m)

Fault @ 232' (70.7 m)

Major fracture 239' (72.8 m)

Incompetent ground @ 345' (103.2 m)

Possible Fault in ch 353' (107.6 m)

Possible Fault 383' (116.7 m)

Ground very disturbed

DIAMOND DRILL HOLE BOREHOLE SURVEY

1 of 2

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. 239 Date Surveyed 20/10/70
 Total Depth 552 Depth Surveyed To 540
 Casing Depth 25 (Approx) Surveyed By V.M. FREESTONE

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
0	OPEN				22	160	1 0	S50W	
1	OPEN				23	180	1 15	S58W	
2	OPEN				24	200	1 45	S62W	
3	CLOSED				25	200	1 45	S70W	
4	"				26	220	1 45	S60W	
5	"				27	240	1 45	S50W	
6	"				28	260	1 30	S71W	
7	"				29	280	2 0	S70W	
8	"				30	300	2 0	S87W	
9	"				31	300	2 0	S87W	
10	"				32	320	2 0	N88W	
11	"				33	340	2 0	S85W	
12	"				34	360	2 0	S89W	
13	20 Moving				35	380	2 15	S81W	
14	20	1 0			36	400	2 30	S83W	
15	40	1 0	N25W		37	400	2 30	S83W	
16	60	0 45	S3EE		38	420	2 45	N98W	
17	80	1 0	S38W		39	440	2 30	S85W	
18	100	1 0			40	460	2 30	S80W	
19	100	1 0	S50W		41	480	2 30	S86W	
20	120	1 15	S50W		42	500	2 15	S84W	
21	140	1 15	S55W		43	500	2 15	S84W	

REMARKS:- THIS IS AN OLD HOLE WHICH HAS BEEN
DRILLED A FURTHER 100' (Approx)

DIAMOND DRILL HOLE BOREHOLE SURVEY

20/2

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No.

239

Date Surveyed

20/10/70

Total Depth

532

Depth Surveyed To

540

Casing Depth

25' (APPROX)

Surveyed By

L.M. FREESTONE

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
44	520	2 45	585W		66	140	1 15	568W	
45	540	3 0	584W		67	120	1 0	558W	
46	540	3 0	531W		68	100		559W	
47	520	2 45	585W		69	80	0	540W	
48	500	2 45	585W		70	60	0 45	520W	
49	480	2 30	588W		71	40	0 45	N30W	
50	460	2 30	581W		72	20	0 45		
51	440	2 45	584W		73	CLOSED			
52	420	2 45	583W		74	"			
53	400		583W		75	"			
54	380	2 15	N85W		76	OPEN			
55	360	2 0	N88W		77	OPEN			
56	340	2 15	N88W		78	OPEN			
57	320	2 0	N85W						
58	300	2 15	585W						
59	280	1 45	575W						
60	260								
61	240	1 45	560W						
62	220	1 45	564W						
63	200	1 45	560W						
64	180		559W						
65	160	1 15	558W						

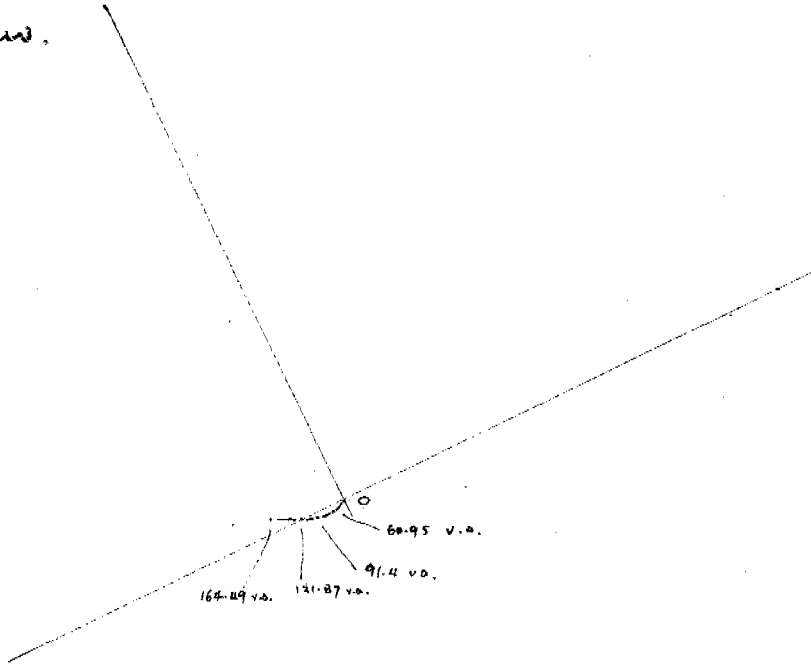
REMARKS:-

DDH 239

Total depth 552' 168.25 m
surveyed to 540' 164.59 m

Scale 1:500

Plan view.



S 30 W = 210° ± 26'
7 236'
2

D.D.H. 238

Re-Surveyed March, 1970, by Pat Coleman

N 109,595.48 - E100,529.94

R.L. 379.10

~~119.5~~

344.10

4:- 239

100

200

300

400

500

W

E

N

S

DDH :- 239

TOTAL DEPTH :- 552

DEPTH SURVEYED TO :- 540

CASING :- 25'

DATE :- 20/10/70

N

W

S

E

S

E

552

540

DIAMOND DRILL HOLE SURVEY
EASTMAN - KODAK MULTI SHOT CAMERA

D.D.H. No. 239
 Total Depth 552
 Casing Depth 25' (APPROX)

Date Surveyed 20/10/70
 Depth Surveyed To 540
 Surveyed By V. M. FREESTONE

Depth	Drift Angle	Mean Drift Angle	Cos Sine	Vert. Depth	True Vert. Depth	Defl.	Drift Direc.	Mean Drift Direc.	Cos Sine	Co-Ords.		Sum of Co-Ords.	
										E/S	E/W	E/S	E/W
20	1 0	0 52 ¹	0.9998 0.0153	19.996	19.996	0.306		530W	0.8660 0.5000	0.2650	0.1530	0.2650	0.1530
	0 45												
40	1 0	0 52 ¹	0.9998 0.0153	19.996	39.992	0.306	N25W	530W	0.8660 0.5000	0.2650	0.1530	0.5300	0.3060
	0 45												
60	0 45	0 45	0.9999 0.0131	19.998	59.990	0.262	5	530W	0.8660 0.5000	0.2269	0.1310	0.7569	0.4370
	0 45						520W						
80	1 0	1 0	0.9998 0.0175	19.996	79.986	0.350	538W	539W	0.7771 0.6293	0.2720	0.2202	1.0289	0.6572
							540W						
100	1 0	1 0	0.9998 0.0175	19.996	99.982	0.350	550W	554W	0.5807 0.8141	0.2032	0.2849	1.2321	0.9421
							559W						
120	1 15	1 7 ¹	0.9998 0.0197	19.996	119.972	0.394	550W	554W	0.5878 0.8080	0.2316	0.3187	1.4637	1.2608
	1 0						558W						
140	1 15	1 15	0.9998 0.0218	19.996	139.974	0.436	555W	560W	0.5000 0.8660	0.2180	0.3776	1.6817	1.6384
	1 15						565W						
160	1 0	1 7 ¹	0.9998 0.0197	19.996	159.970	0.394	550W	554W	0.5878 0.8080	0.2316	0.3187	1.9133	1.9571
	1 15						558W						
180	1 15	1 15	0.9998 0.0218	19.996	179.966	0.436	558W	558W	0.5289 0.8480	0.2310	0.3697	2.1443	2.3268
							558W						
200	1 45	1 45	0.9995 0.0305	19.990	199.956	0.610	568W	564W	0.4384 0.8988	0.2674	0.5483	2.4117	2.8751
	1 45						560W						
220	1 45	1 45	0.9995 0.0305	19.990	219.946	0.610	560W	562W	0.4695 0.8829	0.2864	0.5386	2.6981	3.4137
	1 45						564W						
240	1 45	1 45	0.9995 0.0305	19.990	239.936	0.610	550W	555W	0.5236 0.8182	0.3499	0.4897	3.0480	3.9134
	1 45						560W						
260	1 30	1 45	0.9995 0.0305	19.990	259.926	0.610	571W	571W	0.3256 0.9455	0.1986	0.5767	3.2466	4.4901
280	2 0	1 52 ¹	0.9994 0.0327	19.988	279.914	0.654	570W	572W	0.2164 0.9763	0.1415	0.6385	3.3881	5.1286
	1 45						575W						

DIAMOND DRILL HOLE SURVEY
EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. 239
 Total Depth 552'
 Casing Depth 25'

Date Surveyed 20/10/70
 Depth Surveyed To 540'
 Surveyed By V.M. FREESTONE.

Depth	Drift Angle	Mean Drift Angle	Cos Sine	Vert. Depth	True Vert. Depth	Defl.	Drift Direc.	Mean Drift Direc.	Cos Sine	Co-Ords.		Sum of Co-Ords.	
										N/S	E/W	N/S	E/W
300	2 10	2 17 1/2	0.9993 0.0371	19.986	91.4 289.90	0.742	S87W	266 S86W	0.0698 0.9976	0.0518	0.7402	1.65 3.4399	1.79X 5.8688
	2 15						S85W						
320	2 0	2 0	0.9994 0.0349	19.988	319.888	0.698	N88W	N86 1/2 W	0.0610 0.9981	N 0.0426	W 0.6967	3.3973 3.4825	6.5655
	2 0						N85W						
340	2 0	2 17 1/2	0.9993 0.0371	19.986	339.874	0.742	S85W	266 S88 1/2 W	0.0262 0.9997	S 0.0194	W 0.7418	3.4167	7.3073
	2 15						N88W						
360	2 0	2 0	0.9994 0.0349	19.988	359.862	0.698	S89W	W	0.0000 1.0000	0.0000	0.6980	3.4167	8.0053
	2 0						N88W						
380	2 15	2 15	0.9992 0.0393	19.984	379.846	0.786	S81W	S88W	0.0319 0.9994	0.0274	0.7855	3.4141	8.7908
	2 15						N85W						
400	2 30	2 30	0.9990 0.0436	19.980	121.87 399.826	0.872	S83W	263 S83W	0.1219 0.9925	0.1063	0.8655	1.68 3.5504	2.94X 9.6563
							S83W						
420	2 45	2 45	0.9988 0.0480	19.976	419.802	0.960	N88W	S87 1/2 W	0.0436 0.9990	0.0419	0.9590	3.5923	10.6153
	2 45						S83W						
440	2 30	2 31 1/2	0.9989 0.0458	19.978	439.780	0.916	S85W	S84 1/2 W	0.0258 0.9954	0.0877	0.9118	3.6800	11.5271
	2 15						S84W						
460	2 30	2 30	0.9990 0.0436	19.980	459.760	0.872	S80W	S80 1/2 W	0.1650 0.9863	0.1439	0.8600	3.8239	12.3871
	2 30						S81W						
480	2 30	2 30	0.9990 0.0436	19.980	479.744	0.872	S86W	S87W	0.0523 0.9986	0.0456	0.8708	3.8695	13.2579
	2 30						S88W						
500	2 15	2 30	0.9990 0.0436	19.980	499.72	0.872	S87W	265 S84 1/2 W	0.0258 0.9954	0.0835	0.8680	3.9530	14.1259
	2 45						S85W						
520	2 45	2 45	0.9989 0.0480	19.976	519.696	0.960	S85W	S85W	0.0872 0.9962	0.0837	0.9563	4.0367	15.0822
	2 45						S85W						
540	3 0	3 0	0.9986 0.0523	19.972	164.49 539.668	1.046	S84W	261 S81W	0.1564 0.9877	0.1636	1.0331	1.23 4.2003	4.91 14.1153

Location Investigator 1 Elevation 374.99 Feet ¹¹⁴³
 Core Depth 805.5 Feet ²⁴⁵⁻⁵ Co-Ords. 9594.58N, 525.92E ^{+5.8}
 Dip Vertical Bearing - ^{117.7} ^{fallish}
 Date Commenced 6/12/1968 Date Completed 13/1/1969 ^{Plotted on this RL.}

Footage Com	To	Length Run Rec.		Description	Assay	
					WO ₃	Mo
0	35 ^{10.7}			No Core		
35	147 ^{114.8}	102		<u>Volcanics</u> - oxidised rock - fine grained mottled and fractured rock. Much lost core. 41 to 50 1' Lost Core 73' to 84 3' Lost Core 108 to 110 1' Lost Core		
147	222 ^{61.6}	75		<u>Biotite Hornfels/Quartzite</u> - fine grained grey rock, highly fractured and broken. Lost Core - 153 to 162 6' 162 to 169 1'		
222	272 ^{82.9} *	50		<u>Volcanics</u> - fine grained grey-brown mottled rock.		
272	283 ^{81.2}	11		<u>Biotite Hornfels</u> - spotted fine to medium grained rock containing minor amounts of sulphide.		
283	286 ^{81.2}	3		<u>Garnet Pyroxene Hornfels</u> - fine to medium grained, mottled green-brown rock containing abundant calcite and minor patches of high grade scheelite.		
286	360 ^{104.1}	74		<u>Biotite Hornfels</u> - fine grained spotted rock containing minor pyroxene bands. 2" Aplite at 297'. Core is broken by with little loss. Aplite dykes at 323, 327, 341 and 349.		
360	364 ^{110.4}	4		<u>Pyroxene Hornfels</u> - fine to medium grained green rock.		
364	384 ^{117.0}	20		<u>Biotite Hornfels</u> - fine grained grey rock showing traces of bedding.		
384	390 ^{118.9}	6		<u>Volcanics</u> - fine grained green brown mottled rock.		
390	400 ^{121.9}	10		<u>Biotite Hornfels</u> - fine grained grey brown slightly banded rock.		
400	472 ^{143.9}	72		<u>Volcanics</u> - fine grained green mottled rock. Quartz vein carrying abundant pyrite at 411'. Aplite for 4" at 456'.		
472	494 ^{150.6}	22		<u>Biotite/Pyroxene Hornfels</u> - banded fine grained rock with abundant sulphide in the pyroxene bands. Some grossularite below 476'.		
494	516 ^{157.3}	22		<u>Granite</u> - coarse grained grey to pink rock.		
516	539 ^{164.3}	23		<u>Pyroxene/Calcite Hornfels</u> - minor biotite and a little calcite with good disseminated scheelite.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
				<u>SAMPLED</u>		
				520 to 524 4	2.18	0.047
				524 to 528 4	2.41	0.061
				528 to 532 4	0.53	0.020
				532 to 536 4	0.26	0.013
				536 to 540 4	0.83	0.026
				540 to 544 4	0.58	0.021
539	541 164.9	2		<u>Calcite Hornfels</u> - fine grained grey rock with good disseminated scheelite.		
541	550 167.6	9		<u>Pyroxene Hornfels</u> - fine grained green rock, mottled in part. Minor scheelite from 541 to 544.		
550	575.5 175.4	25.5		<u>Calcite Hornfels</u> - fine to medium grained grey rock with minor pyroxene bands. 524 to 541 3' Lost Core Pyroxene/Calcite bands from 544 to 559.		
575.5	594.5 181.2	19		<u>Calcite/Pyroxene Hornfels</u> - variable rock, fine to medium grained grey rock with patches and bands of pyroxene. 561 to 580 1' Lost Core		
				<u>SAMPLED</u>		
				560 to 564 4'	0.33	0.013
				564 to 568 4	0.01	0.010
				568 to 572 4	0.01	0.005
				572 to 576 4	0.38	0.023
				576 to 580 4	0.24	0.014
594.5	664 222.4	69.5		<u>Banded Biotite/Pyroxene Hornfels</u> grey to green rock with some pyrite. Pyroxene occurs as bands or blebs.		
664	673 225.1	9		<u>Pyroxene Garnet Hornfels</u> - a fine grained grey green rock with coarse ovoids containing garnet and pyroxene. 621 to 634 3.5' Lost Core 651 to 653 1 " " 657 to 661 3 " "		
673	710 216.4	27		<u>Garnet Pyroxene Hornfels</u> - fine to medium grained green brown rock with some disseminated scheelite.		
				<u>SAMPLED</u>		
				673 to 677' 4'	0.25	0.012
				677 to 681.5 4.5	0.22	0.008
				681.5 to 685.5 4	0.02	0.005
				685.5 to 689.5 4	0.05	0.006
				689.5 to 693.5 4	0.36	0.010
				693.5 to 697.5 4	0.02	0.006
				697.5 to 701.5 4	0.04	0.005
				701.5 to 705.5 4	0.08	0.005
				705.5 to 710.5 5	0.09	0.007
				From 693' to 700' 3' Lost Core		
710	726 221.3	16		<u>Banded Calcite Hornfels</u> - fine to medium grained grey rock containing garnet and pyroxene bands. 714' to 717' 1' Lost Core		

Footage		Length		Description	Assay	
From	To	Run	Sec.		VO ₂	Mo
726	741.5 226.0	14.5		<u>Garnet Hornfels</u> - medium to coarse grained red green rock containing abundant andradite garnet and with some pyroxene bands. 735.5 to 742.5 1' Lost Core		
741.5	748 228.0	6.5		<u>Banded Biotite/Pyroxene/Calcite Hornfels</u> - a strongly banded rock with some garnet.		
748	755 230.1	7		<u>Calcite Hornfels</u> - fine grained grey rock with some garnet and pyroxene.		
755	778 237.1	23		<u>Banded Pyroxene/Biotite/Calcite Hornfels</u> - a banded rock with good disseminated scheelite over the last six feet. <u>SAMPLED</u> 773' to 779' 6'	1.70	0.023
778 237.1	805.5 245.5	27.5		<u>Granite</u> - medium to coarse grained pink granite. <u>HOLE COMPLETED AT 805.5 FEET</u> 245.5		

Also split 221 - 226
Assay results on section.

221 - 222 0.71
222 - 223 1.72
223 - 224 0.12
224 - 225 0.01
225 - 226 0.01

DIAMOND DRILL HOLE 238

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
0238/1	520' ^{158.5}	524'	4'	2.18	0.047	8.72	B lens
9/2	524' ^{159.1}	528'	4'	2.41	0.061	9.64	24' at
0120/3	528' ^{160.9}	532'	4'	0.53	0.020	2.12	
1/4	532' ^{162.1}	536'	4'	0.26	0.013	1.04	1/3 % WO ₃
2/5	536' ^{163.4}	540'	4'	0.83	0.026	3.32	
3/6	540' ^{164.6}	544' ^{165.8}	4'	0.58	0.021	2.32	Mo: 0.031%
Q0086/7	560' ^{170.1}	564'	4'	0.33	0.013	1.32	
Q0087/8	564' ^{171.9}	568'	4'	<0.01	0.010	-	
Q0088/9	568' ^{173.1}	572'	4'	<0.01	0.005	-	Lower
0124/10	572' ^{174.2}	576'	4'	0.38	0.023	1.52	B lens
5/11	576' ^{175.6}	580' ^{176.8}	4'	0.24	0.014	0.96	8' at 0.31% WO ₃ Mo: 0.018%
0125/12	673' ^{205.1}	677' ^{206.3}	4'	0.25	0.012	1.00	4' at 0.25%
Q0089/13	677' ^{206.8}	681.5'	4.5'	0.22	0.008	0.99	
Q0090/14	681.5' ^{207.7}	685.5'	4'	0.02	0.005	0.08	Spars.
Q0091/15	685.5' ^{208.9}	689.5'	4'	0.05	0.006	0.20	
0127/16	689.5' ^{210.1}	693.5' ^{211.4}	4'	0.36	0.010	1.44	4' at 0.36%
Q0092/17	693.5' ^{212.6}	697.5'	4'	0.02	0.006	0.08	
Q0093/18	697.5' ^{213.8}	701.5'	4'	0.04	0.005	0.16	
Q0094/19	701.5' ^{215.0}	705.5' ^{216.0}	4'	0.08	0.005	0.32	
Q0095/20	705.5'	710.5'	5'	0.09	0.007	0.45	
Q0096/21	773' ^{235.6}	779' ^{237.4}	6'	1.70	0.023		C2 = ?

DDH 238

Major fracture 648' (197.5 m)

Possible fault 650' (198.1 m)

Major fracture 686' (209.1 m)

Fault 694 (211.5 m) - 696' (212.0 m) - Incompetent of and rubble

Incompetent ground 218 m

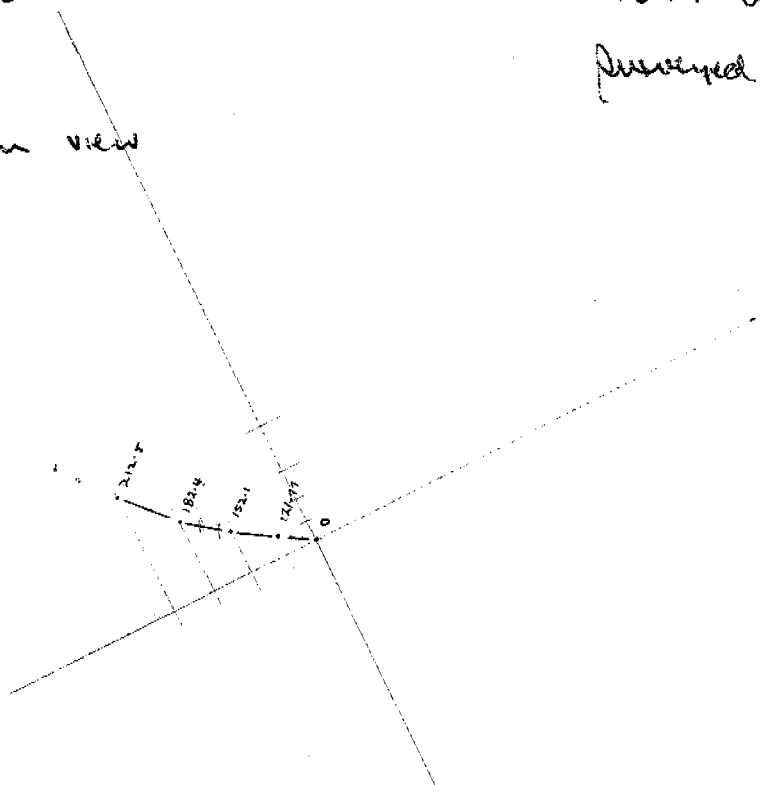
Fault 226 m

Incompetent ground 755' (230.0 m)

DDH 238

Scale 1:500

Plan view



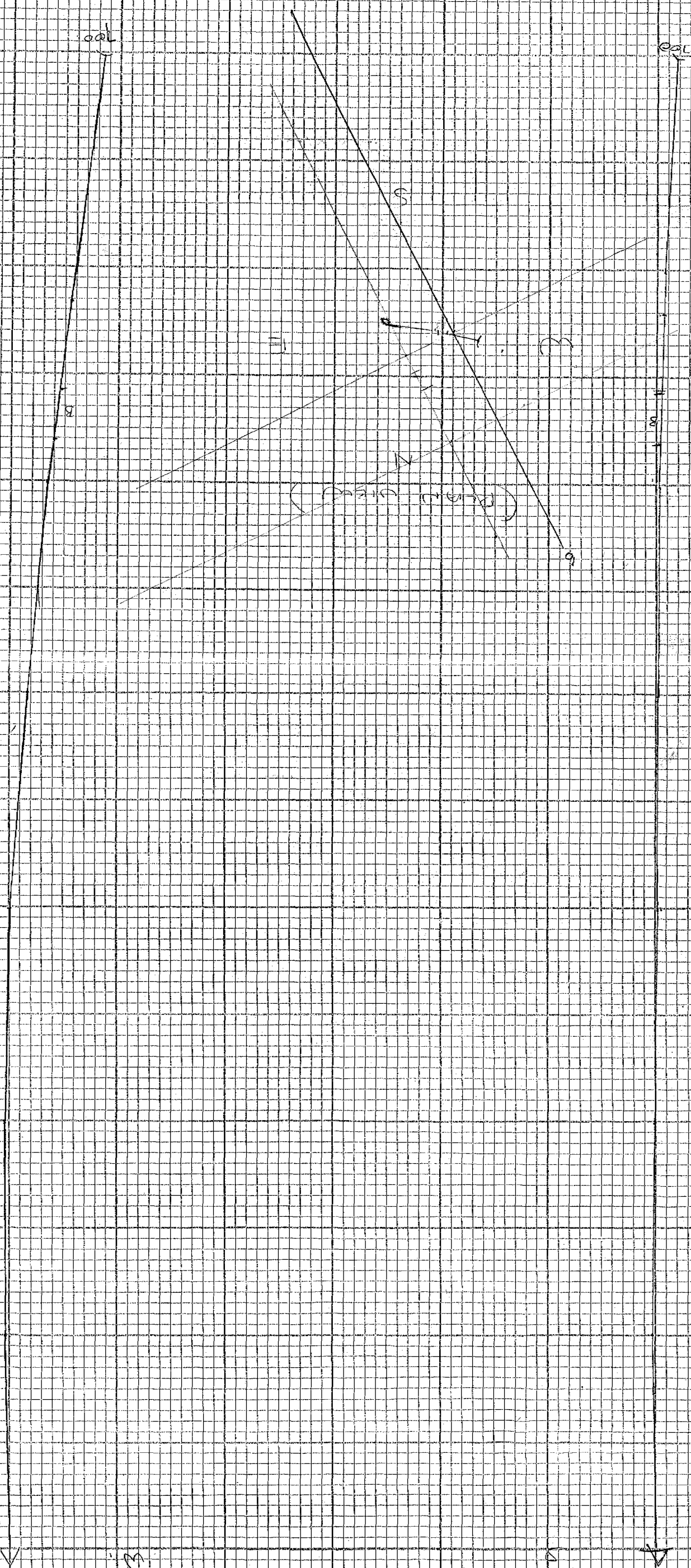
total depth : 805.5' (245.52)

surveyed to : 700' (213.36)

121.72

1/2 = 24

535 - 92.5
95594 - 58.4



DEC HCG

PROT

UNIT

TRQUE

1/11/71

1

7.000

DIAMOND DRILL CORE LOG SHEET

Hole No. 237

357.19 2

Location E.L. 15/66 (Bold Head) Elevation 384.79 Feet 117.3
 Total Depth 203 Feet 357 188 Co-Ord. 9798.84N; 500.31E 3.3
 Dip Vertical Bearing 9821.39 120.6
 Date Commenced 29/11/1968 Date Completed 4/12/1968
 Logged: N. Kinnane

Footage		Length		Description	Assay	
From	To	Run	Feet		WC ₂	Mo
0	27 8.2			No Core		
27	66 20.1	39		<u>Volcanics</u> - fine grained green oxidised and broken rock becoming more solid further down the hole. 47'6" to 50'6" 1'6" Lost Core.		
66	122 37.2	56		<u>Biotite Hornfels</u> - fine grained black and grey rock, core badly broken. 61' to 66' 3' Core Lost 66 to 69 2.5 " " The rock is spotted in part and jointed, joints being chlorite filled. From 105' some narrow pyroxene and calcite bands.		
	188 57.3	66		<u>Volcanics</u> - mottled medium grained green rock. The core is solid with few joints and fractures. Some sulphides - pyrite occur.		
188	219.5 66.9	31.5		<u>Banded Biotite, Pyroxene Hornfels</u> - a banded rock with some calcite. Pyroxene bands are rich in sulphides. For 202' grossularite bands become common.		
219.5	232 70.7	13.5		<u>Pyroxene Hornfels</u> - fine to medium grained mottled green rock with some calcite and abundant fine disseminated scheelite.		
				<u>SAMPLED</u>		
				221 to 225 4	0.10	0.007
				225 to 229 4	0.41	0.021
				229 to 233 4	0.72	0.033
	281.5 85.8	49.5		<u>Calcite Hornfels</u> - some pyroxene rock is fine to medium grained with abundant disseminated scheelite.		
				<u>SAMPLED</u>		
				233 to 237 4	0.58	0.031
				237 to 241 4	0.53	0.028
				241 to 245 4	0.21	0.017
				245 to 249 4	0.60	0.042
				249 to 253 4	0.74	0.040
				253 to 257 4	0.18	0.013
				257 to 261 4	0.52	0.033
				261 to 265 4	0.36	0.033
				265 to 269 4	4.90	0.141
				269 to 273 4	0.90	0.048
				273 to 277 4	0.33	
				277 to 281 4	0.18	
				281 to 284.5 4.5	0.50	
281.5	289 88.1	8.5		<u>Banded Biotite Schist</u> - fine grained grey rock with mottled patches. Some pyroxene and grossular bands rich in sulphide and with minor scheelite also occur. Minor calcite is also present.		
289	295.5 90.1	6.5		<u>Biotite Hornfels</u> - a schistose rock containing foliated biotite. Aplite at 293'.		

19-2:70.

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

Co-ordinate Difference				Rectangular Difference			
N	S	E	W	N	S	E	W
	.875	1.5155			.875	1.5155	
.5985	.	1.64475			.276	3.161	
.605864			3.437	.330			0.276
.1526			8.718	.4826			8.994
1.221			9.945	1.7036			18.939
2.160			11.112	3.8636			30.051
4.91			13.485	8.7736			43.536

Footage		Length		Description	Assay	
From	To	Run	Rec.		NO ₃	Mo
295.5	303 923	7.5		Weathered granite and olivine hornfels.		
<u>HOLE COMPLETED AT 303 FEET</u>						
Hole reopened ~~and~~ at 300 feet and drilled on to 357ft						

REOPENED HOLE. REOPENED AT 300 FT.

Hole No. 237

Logged: C-Szabo

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
				Reopened at 300 Feet. Previously recorded depth (303 feet) has to be corrected. The drilling site was resurveyed and error was encountered. Corrected co-ords. are - 531.00E, 9821.39N Elevation: 384.79 Feet Core Logging was checked and the following changes have been made. 1. 232 - 281.5 ft. Calcite Hornfels was recorded Relogged sequence is as follows:- <u>Pyroxene Hornfels</u> Crystalline limestone with minor interbedded Pyroxene Hornfels and Garnet Pyroxene Hornfels. Pyroxene Hornfels with minor interbedded crystalline limestone and Garnet Pyroxene Hornfels. 2. 295.5 - 303 ft. Breccia was erratically logged. The core consists of weathered granite and hornfels as follows:- Weathered Garnet Pyroxene Hornfels. Biotite Hornfels Weathered Granite - Weathered Biotite Hornfels		
232'	241.5	9.5				
241.5	262	20.5				
262	281.5					
295.5	297					
297	299					
299	300					
300	303					
300	334	34		<u>CORE LOG FROM 300 FEET</u> <u>Biotite Hornfels</u>, spotted numerous slicken sides. Several minor aplites downwards at 326' - 0.5' Aplite. <u>Aplite</u> <u>Biotite Hornfels</u> banded with minor pyroxene hornfels. <u>HOLE COMPLETED AT 357 FEET.</u>		
334	338	4				
338	357	19				

DIAMOND DRILL HOLE 237

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
Q ⁸⁵ 237/1	221' 67.4	225'	4'	0.10	0.007	0.40	
0103/2	225' 8.6	229'	4'	0.41	0.021	1.64	
4/3	229' 69.8	233'	4'	0.72	0.033	2.88	A lens
5/4	233' 71.0	237'	4'	0.58	0.031	2.32	59.5" at
6/5	237' 72.2	241'	4'	0.53	0.028	2.12	
7/6	241' 73.5	245'	4'	0.21	0.017	0.84	0.78 % WO ₃
8/7	245' 74.7	249'	4'	0.60	0.042	2.40	
9/8	249' 76.0	253'	4'	0.74	0.040	2.96	
110/9	253' 77.1	257'	4'	0.18	0.013	0.72	Mo: 0.030 %
1/10	257' 78.3	261'	4'	0.52	0.033	2.08	
2/11	261' 79.5	265'	4'	0.36	0.033	1.44	
3/12	265' 80.6	269'	4'	4.90	0.041	19.60	0.48 % WO ₃
4/13	269' 82.0	273'	4'	0.90	0.048	3.60	
5/14	273' 83.2	277'	4'	0.33	0.024	1.32	
6/15	277' 84.4	281'	4'	0.18	0.016	0.72	
7/16	281' 85.6	284.5' 8.7	3.5	0.50	0.028	2.25 1.75	includes above without

DDH 237

Rubble + band 59' (18.0 m) in UV possible fault?

Major fracture 92' (28.0 m)

Fault 110' (33.5 m)

Major fracture 171' (52.1 m)

Possible fault 243' gh-ch (74.1 m)

Fault - Aplite in it. Mattled BH-BH 326' (99.0 m)

Major fracture - breccia Carbonate 340' (103.6 m) - 342' (104.0 m)

DIAMOND DRILL CORE LOG SHEET

372.33
110
262.33
NOT
PLANNED

Hole No. 236

Location E.L. 15/66 (Bold Head) Elevation 372.33 Feet 113.48 116.8
 Total Depth 252 Feet 76.8 Co-Ords. 9798.52N, 298.88E 3.29
 Dip Vertical Bearing -
 Date Commenced Date Completed

Footage		Length		Description	Assay	
From	To	Run	Reel		NO ₃	Mo
0	9	90	274	No Core		
90	185	864	87	<u>Volcanics</u> - oxidised in the upper twenty feet of the hole. Highly broken and fractured over the remainder of the hole. Fine grained green mottled rock. Much Lost Core - 100.5' to 102'3" 1' 108 to 112 2' 112 to 113 6" Lost Core, rubbly and broken core. 134 to 150 4" Lost Core 150 to 166 4' 166 to 183 3'		
199	606	14		<u>Biotite Hornfels</u> - broken and brecciated fine grained black rock.		
199	252	53		<u>Breccia</u> - broken and fractured core containing fragments of biotite rock and volcanics. 204 to 252 22' Lost Core <u>HOLE ABANDONED AT 252 FEET</u>		

DIAMOND DRILL CORE LOG SHEET

Hole No. 234

Location E.L. 15/66 (Bold Head) Elevation 380.99 Feet
 Core Depth 685 Feet Co-ords. 9998.93N, 402.71E
 Dip 60° Bearing 360°
 Date Commenced 8/11/1968 Date Completed 5/12/1968

Footage		Length		Description	Assay	
From	To	Run	Feet		WO ₃	Mo
0	87	26.5		Clay and soft group - No Core		
87	90	3		<u>Pyroxene Hornfels</u> - highly oxidised rock containing good disseminated scheelite.		
90	144	53		<u>Pyroxene Hornfels</u> - green, medium grained crystalline rock with good scheelite mineralisation and notable sulphide. SAMPLED		
			87' to 90'	3'	1.58	0.094
			90 to 94	4	0.77	0.031
			94 to 98	4	1.19	0.054
			98 to 102	4	0.86	0.037
			102 to 106	4	1.61	0.057
			106 to 110	4	0.79	0.028
			110 to 114	4	0.40	0.014
			114 to 118	4	3.35	0.096
			118 to 122.5	4.5	0.31	0.012
			122.5 to 126.5	4	1.72	0.061
			126.5 to 130.5	4	1.57	0.067
			130.5 to 134.5	4	0.69	0.030
			134.5 to 138.5	4	0.49	0.012
			138.5 to 144	5.5	2.28	0.083
			144 to 148	4	0.09	
			148 to 152	4	0.07	
			152 to 157'3"	5'3"	0.16	
144	180	36		<u>Volcanics</u> - green, fine to medium grained rock containing abundant biotite and spotted in part.		
180	212	32		<u>Biotite Actinolite Hornfels</u> - grey to dark brown fine grained thinly bedded rock. Aplite 194 to 205.		
212	252	40		<u>Pyroxene, Actinolite, Biotite Hornfels</u> - fine grained green irregular rock probably similar to volcanics.		
252	262	10		<u>Actinolite Hornfels</u> - fine grained grey with patches of biotite and pyroxene rock.		
262	273	11		<u>Biotite Hornfels</u> - dark fine grained mainly massive rock.		
273	321	58		<u>Actinolite Hornfels</u> - grey fine grained rock with patches of pyroxene and biotite hornfels. The actinolite rock is spotted in part. 315 to 317.5 - Aplite.		
321	334	13		<u>Banded Biotite, Pyroxene Hornfels</u> - green fine grained pyroxene rich rock.		
334	381.5	46.5		<u>Volcanics</u> - medium grained green rock with abundant biotite.		
381.5	391.5	10		<u>Aplite</u> - coarse grained granite.		
391.5	434	42.5		<u>Volcanics</u> - medium grained, green rock with abundant biotite.		

293.99

116.13
7.3

117.4

A LENS

X

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
434	454 ^{138.4}	20		<u>Banded Pyroxene, Garnet Pyroxene Hornfels</u> - abundant grossular garnet with patchy mineralised sections - good disseminated scheelite 441 to 445. <u>SAMPLED</u> 436 to 445 9' 445 to 449 4 449 to 452 3 452 to 455 3 455 to 460 5	0.78 0.62 0.61 0.57 0.02	
454	519 ^{158.2}	65		<u>Calcite Hornfels</u> - grey to green rock with dark bands with weak patchy scheelite.		
519	577 ^{175.9}	58		<u>Biotite Hornfels</u> - mainly biotite with some actinolite patches and thin pyroxene bands. Aplite 538 to 542.		
577	611 ^{186.2}	34		<u>Pyroxene Garnet Hornfels</u> - fine grained green rock containing coarse ovoids having a core of calcite and a rim of grossular garnet. Sulphides and scheelite occur. <u>SAMPLED</u> 600.5 to 604.5 4' 604.5 to 608.5 4	0.45 0.33	0.019 0.016
611	618 ^{188.4}	7		<u>Biotite Hornfels</u> - fine grained grey black rock with minor pyrite.		
618	636 ^{193.8}	18		<u>Pyroxene Garnet Hornfels</u> - fine grained green rock with coarse ovoids having a core of calcite and a rim of grossular garnet. <u>SAMPLED</u> 621 to 626 5' 626 to 630 4 630 to 634 4 634 to 639 5 639 to 643 4 643 to 647 4	0.42 0.39 1.96 2.68 0.65 0.46	0.019 0.024 0.101 0.092 0.109 0.094
636	655' 8" ^{199.4}	20' 8"		618 to 623 minor patchy disseminated scheelite. 623 to 636 very coarse scheelite and abundant molybdenite. <u>Calcite Hornfels</u> - mottled green white rock containing equal amounts of calcite and pyroxene. Abundant molybdenite and minor scheelite.		
655' 8"	660' ^{201.2}	4' 8"		<u>Pyroxene Hornfels</u> - irregular fine to medium grained banded rock with minor scheelite and sulphide. 657' 6" Aplite. 658' 6" to 659' 6" Aplite.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
660	671 24' 5"	11		<u>Pyroxene Garnet Hornfels</u> - irregular rock containing a hybrid Pyroxene Garnet, Garnet and Pyroxene Hornfels. Minor scheelite and abundant sulphide occur. 670 to 671 Aplite.		
671	685 20' 8"	14		<u>Granite</u> - fine to coarse grained pink aplitic rock. <u>HOLE COMPLETED AT 685 FEET</u>		

DIAMOND DRILL HOLE 234

Logged By: _____

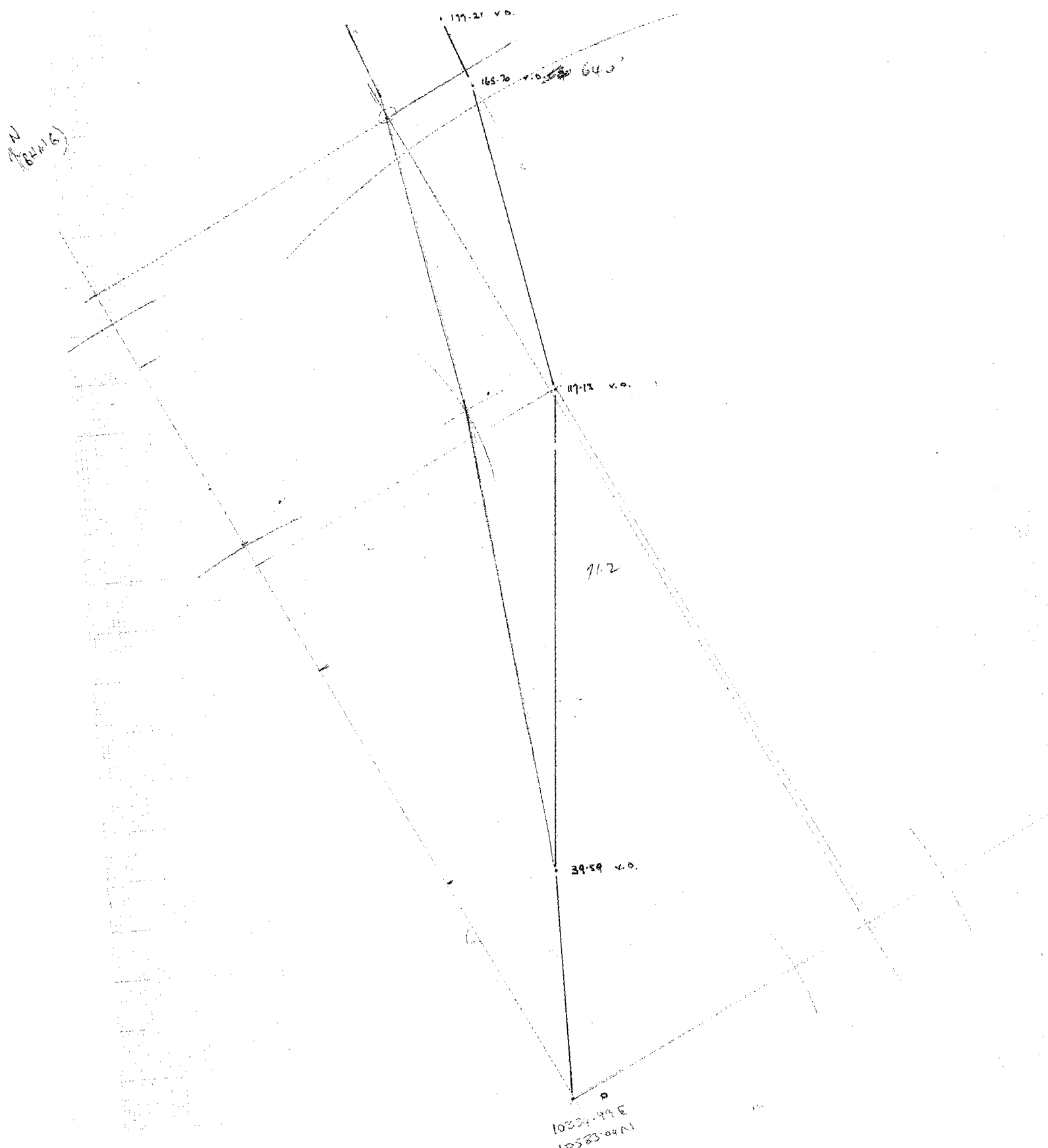
SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
00274/1	87 ^{26.5}	90'	3'	1.58	0.094	4.74	A lens 57' at 1.27 % WO ₃ 0.048 % Mo
8/2	90 ^{27.4}	94'	4'	0.77	0.031	3.08	
9/3	94 ^{28.6}	98'	4'	1.19	0.054	4.76	
0030/4	98 ^{29.6}	102'	4'	0.86	0.037	3.44	
1/5	102 ^{31.1}	106'	4'	1.61	0.057	6.44	
2/6	106 ^{32.3}	110'	4'	0.79	0.028	3.16	
3/7	110 ^{33.5}	114'	4'	0.40	0.014	1.60	
4/8	114 ^{34.7}	118'	4'	3.35	0.096	13.40	
5/9	118 ^{36.0}	122.5'	4.5'	0.31	0.012	1.40	
6/10	122.5 ^{37.3}	126.5'	4'	1.72	0.061	6.88	
7/11	126.5 ^{38.5}	130.5'	4'	1.57	0.067	6.28	
8/12	130.5 ^{39.8}	134.5'	4'	0.69	0.030	2.76	
9/13	134.5 ^{41.0}	138.5'	4'	0.49	0.012	1.96	
0040/14	138.5 ^{42.2}	144'	5.5'	2.28	0.083	12.54	
00081/20	144 ^{43.9}	148'	4'	0.09		0.36	B lens 19' at 0.69 % WO ₃ 0.026 % Mo C lens 8' at 0.39 % 0.018 Mo C lens 26' at 1.13 % WO ₃ 0.072 % Mo
00082/21	148 ^{45.1}	152'	4'	0.07		0.28	
00083/22	152 ^{46.3}	157.25' ^{47.9}	5.25'	0.16		0.84	
0041/15	436 ^{132.9}	445'	9'	0.78	0.026	7.02	
2/16	445 ^{135.6}	449'	4'	0.62	0.025	2.56	
3/17	449 ^{136.8}	452'	3'	0.61	0.026	1.83	
4/18	452 ^{137.8}	455' ^{140.2}	3'	0.57	0.025	1.71	
00084/19	455 ^{138.1}	460'	5'	0.02	0.009	0.10	
0045/23	600.5 ^{183.0}	604.5' ^{184.2}	4'	0.45	0.019	1.80	
6/24	604.5 ^{185.5}	608.5'	4'	0.33	0.016	1.32	
0047/25	621 ^{189.3}	626'	5'	0.42	0.019	2.10	
8/26	626 ^{190.8}	630'	4'	0.39	0.024	1.56	
9/27	630 ^{192.0}	634'	4'	1.96	0.101	7.84	
100/28	634 ^{193.2}	639'	5'	2.68	0.092	13.40	
1/29	639 ^{194.8}	643' ^{197.2}	4'	0.65	0.109	2.60	
2/30	643 ^{196.0}	647'	4'	0.46	0.094	1.84	

DDH 234

Scale 1:500

total depth = (685') 208.79 m
surveyed to = 208.79 m

Plan view.



CONFIDENTIAL

Tropari

DATE:

5/12/68

CONFIDENTIAL

234

LOCATION

Wrights Block - Bold Head

TIMES						
DEPTH	SET	OFF	PULSED	DIP	ERG.	REMARKS
600'	11.25	12.15	12.30	58°	349°	Tropari timing device not correctly calibrated.
300'	2.00	2.45	2.55	57°	4°	
0 - 150				60°	360°	
150 - 450				57°	4°	
450 - 600				58°	349°	

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16	
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Co-ordinate Difference				Rectangular Difference			
												N	S	E	W	N	S	E	W
300 91.4	300	32°	0.8480 0.5299	0.6249	254.400	254.400	158.970	N 4° E	0.9976 0.0698	0.0699	158.970	8.588		11.096		158.588		11.096	
600 182.58	300	33°	0.8387 0.5446	0.6191	251.610	506.010	163.380	N 11° W	0.9816 0.1908	0.1944	322.350	0.374			31.173	318.962			20.077
685 208.79	85	33°	0.8387 0.5446	0.6191	71.290	577.300	46.291	N 20° W	0.9397 0.3420	0.3640	369.641	8.500			15.831	362.462			35.908
0'		30	0.8660 0.5000					N 0° E	1.0000 0.0000										
150' C.P.					129.90	129.90	75.0					75.0		0		22.86 75.0		0	
300'		32	0.8480 0.5299					N 4° E	0.9976 0.0698										
450' C.P.					254.40	384.13	158.97					158.59		11.10		71.20 233.59		3.38 11.10	
600'		33	0.8387 0.5446					N 11° W	0.9816 0.1908										
640' C.P.					159.35	543.65	103.47					101.57			19.74	102.16 325.16			2.63 8.64
685'		33	0.8387 0.5446					N 20° W	0.9397 0.3420										
					37.74	581.39	24.51					23.03			8.38	109.18 358.19			17.02 5.19
													</						

DD FORM 234

10583.04 N 40334.99 E

plotted on magnetic North

S A N

W A E

955.4
79.72m

953.4 77.11m

951.66 75.52

PROJECTION TO N/S SECTION
SCALE 1"=50'

PROJECTION TO E/W SECTION
SCALE 1"=50'

PLAN VIEW
SCALE 1"=50'

A len 87'-14.4'

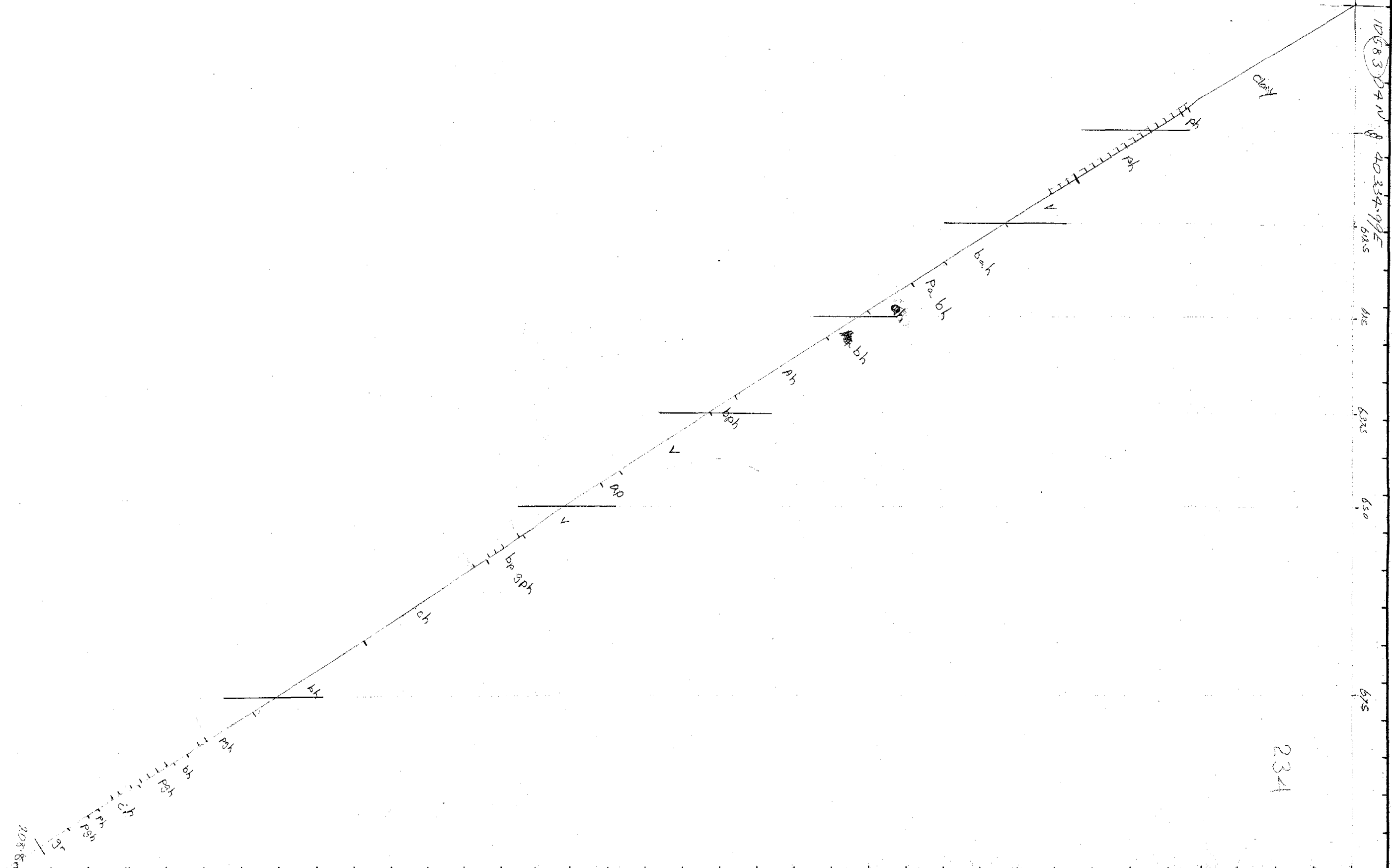
DDH 234

plotted on magnetic North

W Δ E

TRUE VERTICAL PROJECTION.
SCALE 1"=50'

234 DDH



REF. PLAN	GEOLOGY			SCALE 1: KING ISLAND SCHEELITE GRASSY KING ISLAND
	SURVEY			
	PLANNING			
	ROCK MEC.			
	GRADE CON.			
	DRAFTING	MudS		
	T.S.S.			
N 4 S SECTION DDH 234			DRAWING NUMBER	

40 300 E

70 234.79

40 350 E

	REF. PLAN	GEOLOGY		SCALE 1:	 KING ISLAND SCHEELITE GRASSY KING ISLAND
		SURVEY			
		PLANNING			
		ROCK MEC.			
		GRADE CON.			
		DRAFTING			
		T.S.S.		DRAWING NUMBER	

Location E.L. 15/66 (Bold Head) Elevation 386.45 Feet 11.8
3.3
12.1
 Total Depth 963 Feet 243.52 Co-Ord. 9701.79N, 598.31E
 Dip 60° Bearing 360°
 Date Commenced 25/10/1968 Date Completed 29/11/1968

Postage		Length		Description	Assay	
From	To	Run	For		WO ₃	Mo
0	91 27.7			Clay and Rubble		
91	136 41.4 41			<u>Volcanics</u> - fine to medium grained grey green rock.		
136	164 50 28			<u>Banded Volcanics</u> - and biotite actinolite hornfels bands up to 1 foot. Core broken 138' to 152'.		
164	177.5 54.1 13.5			<u>Biotite Actinolite Hornfels</u> - mainly biotite-actinolite hornfels with graduations of biotite and actinolite hornfels.		
177.5	207 63.1 30.5			<u>Volcanics</u> - green medium grained rock, biotite rich in patches.		
207	214 7			<u>Biotite Hornfels</u> - fine grained dark grey thinly bedded rock.		
214	232 70.7 18			<u>Banded Biotite-Pyroxene Hornfels</u> - some garnet pyroxene bands with dark biotite bands, green pyroxene and grossular garnet. Weak molybdenite and weak patchy disseminated scheelite between 221 and 224.		
232	240 73.1 7			<u>Garnet Pyroxene Hornfels</u> - green pyroxene and grossular garnet with weak patchy scheelite mineralisation and some molybdenite. Bands of calcite hornfels also occur. <u>SAMPLED</u> 235 to 238.5 238.5 to 242.5	0.16 0.010 0.26 0.015	
240	307 93.6 67			<u>Calcite Hornfels</u> - grey rock with thin dark bands of medium to fine grained rock with some patches of pyroxene hornfels.		
307	312 95.1 5			<u>Pyroxene Hornfels</u> - green pyroxene with some garnet and patchy disseminated scheelite. <u>SAMPLED</u> 308.5 to 312	0.35 0.031	
312	334 101.8 22			<u>Biotite Actinolite Hornfels</u> - mainly biotite actinolite hornfels with some thin pyroxene bands 318 to 320.		
334	340 103.6 6			<u>Aplite</u> - medium grained pale cream coloured rock.		
340	448 136.6 106			<u>Biotite Actinolite Hornfels</u> - some thin pyroxene bands. 347 to 348 Aplite. Rock grades into biotite hornfels in patches. 418.5 to 426.7 Aplite 433 to 441 129.8 34.4 Aplite 132.0		
448	514 156.7 64			<u>Volcanics</u> - medium to coarse grained biotite rich rock, green grey in colour.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		VO ₃	Mo
514	524 159.7	10		<u>Garnet Hornfels</u> - mainly massive skarn with pyroxene patches and patchy disseminated scheelite. <u>SAMPLED</u> 515 to 520.5 520.5 to 524	0.10 0.50	0.013 0.023
524	574 174.9	50		<u>Calcite Hornfels</u> - mainly white calcite rock with dark patches and bands of Pyroxene Hornfels, Garnet Pyroxene Hornfels with weak patchy scheelite.		
574	648 197.5	74		<u>Biotite Hornfels</u> - mainly dark grey Biotite Hornfels with and bands of Pyroxene Hornfels and grades to Actinolite Hornfels in places. Inclusions below 629.5'.		
648	724 220.7	76		<u>Pyroxene Garnet Hornfels</u> - mainly pyroxene groundmass with calcite cored garnets showing reaction rims. This rock grades into Garnet Pyroxene Hornfels and Pyroxene Hornfels below 662' to 706' with patchy coarse scheelite. Grades to mainly Biotite with Pyroxene bands and inclusions between 706' to 719.5'. 719.5' to 724' Garnet Pyroxene Hornfels with patchy scheelite. <u>SAMPLED</u> 662 - 666 4 0.66 666 - 670 4 1.70 670 - 674 4 0.99 674 - 678 4 0.65 678 - 682 4 0.62 682 - 686 4 0.21 686 - 691 5 0.33 691 - 695 4 1.63 695 - 699 4 0.37 699 - 703 4 0.24 703 - 706 3 0.05 719.5' - 724 4.5 0.43		
724	759.5 231.5	35.5		<u>Calcite Hornfels</u> - grey medium grained crystalline rock with thin patches of pyroxene hornfels?		
759.5	768 234.7	8.5		<u>Garnet Pyroxene Hornfels</u> - coarse crystalline brown green rock with disseminated scheelite mineralisation. <u>SAMPLED</u> 759' 3" - 763 3' 9" 0.80 763 - 766 3 0.27 766 - 769 3 0.19 769 - 772.5 3.5 0.17		
768	776 236.5	8		<u>Banded Pyroxene Biotite Grossular Hornfels</u> - garnet hornfels with weak scheelite to 772.5'.		
776	790 240.9	14		<u>Biotite Hornfels</u> - minor pyroxene bands.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
790	866 263.9	76		<u>Banded Biotite/Pyroxene</u> - minor grossular garnet, calcite hornfels and garnet pyroxene hornfels with occasional disseminated scheelite. <u>SAMPLED</u> 815.9" to 817.5' 1'9" 0.58 Aplite dyke from 802.5' to 804'. <u>SAMPLED</u> 843' to 845' 2' 0.86 853 to 868 Breccia with no core loss mainly broken core with calcite infilling. E?		
866	948 288.9	82		<u>Biotite Actinolite Hornfels</u> -- some pyroxene hornfels up to 2'; some disturbed core between 868' to 890'. Some minor thin bands of Garnet Pyroxene Hornfels. Disturbed core, weakly brecciated and broken core between 918' to 930'. P?		
948	963	15		<u>Granite</u> - coarse grained crystalline biotite rich rock. <u>HOLE COMPLETED AT 963 FEET</u>		

DIAMOND DRILL HOLE 231

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
Q0075231/1	235'7/1	238.5'	3.5'	0.16	0.010	0.56	
0060 /2	238.5' ²³⁹	242.5' ²³⁹	4'	0.26	0.015	1.04	A lens 4' at 0.26% WO ₃
0061 /3	308.5' ²⁴⁰	312' ²⁴⁵	3.5'	0.35	0.031		A lens 3.5' at 0.35%
Q0076 /22	515' ¹⁵⁷	520.5'	5.5'	0.10	0.013	0.55	
0062 /23	520.5' ¹⁵⁸	524' ¹⁵⁹	3.5'	0.50	0.023	1.75	B lens 3.5' at 0.5% WO ₃
0063 /4	662' ²⁰¹	666'	4'	0.66	0.022	2.64	
4/5	666' ²⁰³	670'	4'	1.70	0.025	6.80	
5/6	670' ²⁰⁴	674'	4'	0.99	0.022	3.96	
6/7	674' ²⁰⁵	678'	4'	0.65	0.019	2.60	C lens
7/8	678' ²⁰⁶	682'	4'	0.62	0.018	2.48	
8/9	682' ²⁰⁷	686'	4'	0.21	0.011	0.84	4.37' at
9/10	686' ²⁰⁹	691'	5'	0.33	0.013	1.65	0.78% WO ₃
0070 /11	691' ²¹⁰	695'	4'	1.63	0.060	6.54	0.02% Mo
1/12	695' ²¹¹	699'	4'	0.37	0.013	1.48	
Q0077 /13	699' ²¹³	703'	4'	0.24	0.015	0.96	
Q0078 /14	703' ²¹⁴	706' ²¹⁵	3'	0.05	0.011	0.15	
0072 /15	719.5' ²¹⁹	724' ²²⁰	4.5'	0.43	0.013		D lens 4.5' at 0.43% WO ₃
0072 /16	759.25' ²³¹	763'	3.75'	0.80	0.063	3.00	E lens
4/17	763' ²³²	766'	3'	0.27	0.021	0.81	6.75' at 0.56% WO ₃
Q0079 /18	766' ²³³	769'	3'	0.19	0.014	0.57	0.044% Mo
Q0080 /19	769' ²³⁴	772.5' ²³⁵	3.5'	0.17	0.011	0.59	
0075 /20	815.75' ²⁴⁴	817.5' ²⁴⁹	1.75'	0.58	0.023		3.75' @ 0.026% Mo
6/21	843' ²⁵⁶	845' ²⁵⁷	2'	0.86	0.028		

BORE HOLE SURVEY RECORD

DATE: 24/11/68

HOLE No. 231

LOCATION Wrights Block - 9701.79N,
589.31E

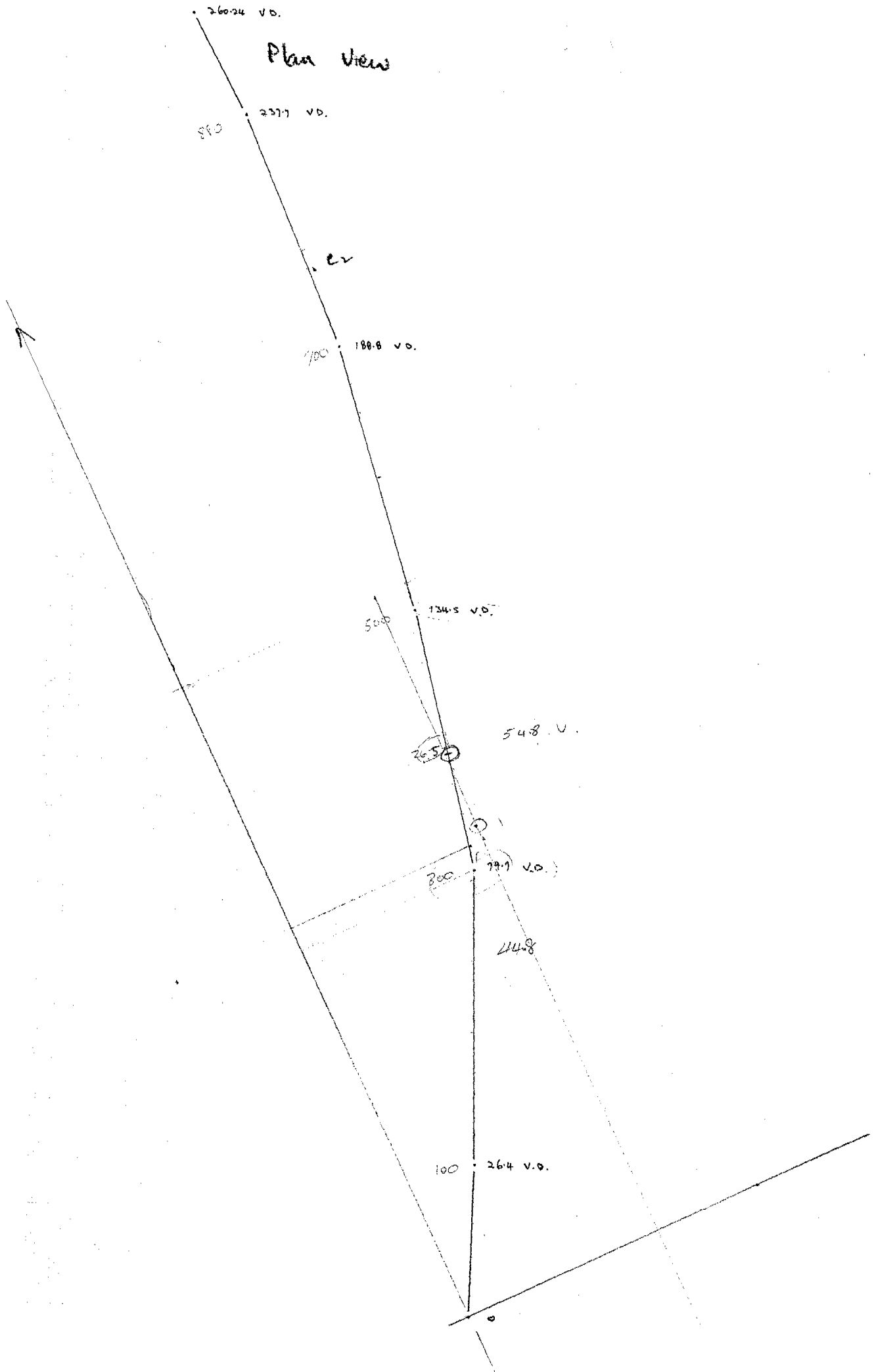
DEPTH	TIMES			DIP	BRC.	REMARKS
	SET	OFF	PULLED			
200'				61°	358°	
400'				64°	345°	
600'				63°	342°	
800'				63°	336°	
0 - 100				60°	360°	
100 - 300				61°	358°	
300 - 500				64°	345°	
500 - 700				63°	342°	
700 - 963'				63°	336°	

DBH 231

Scale 1:500

total depth : 293.5
Assumed to : 293.5 m

Plan View



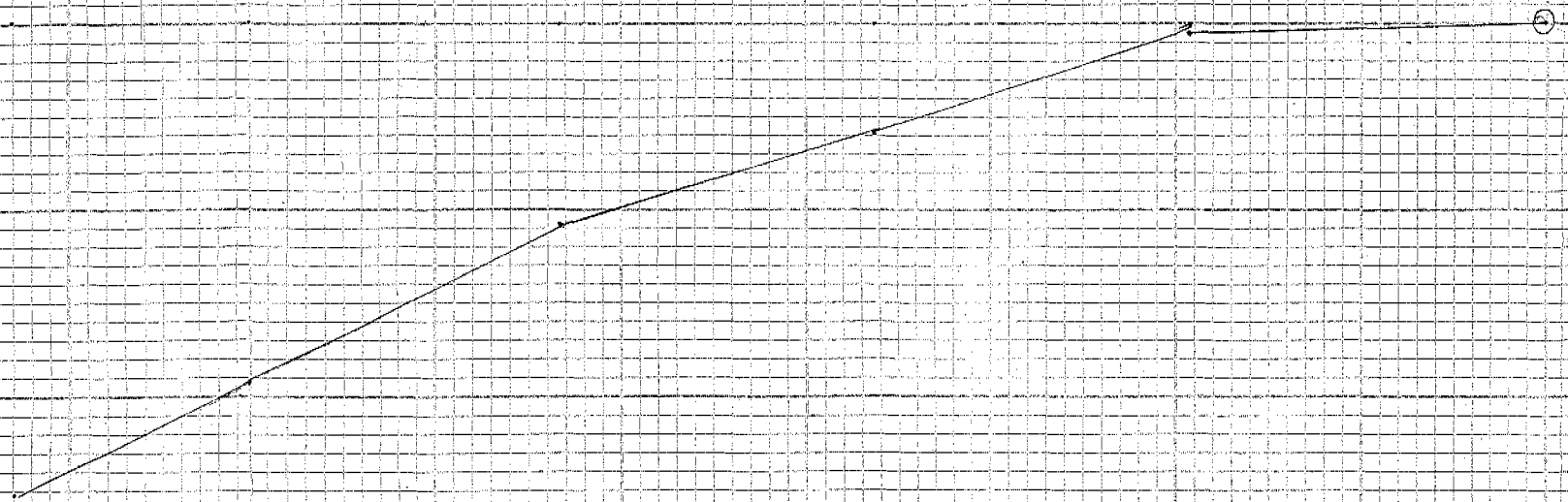
DOH

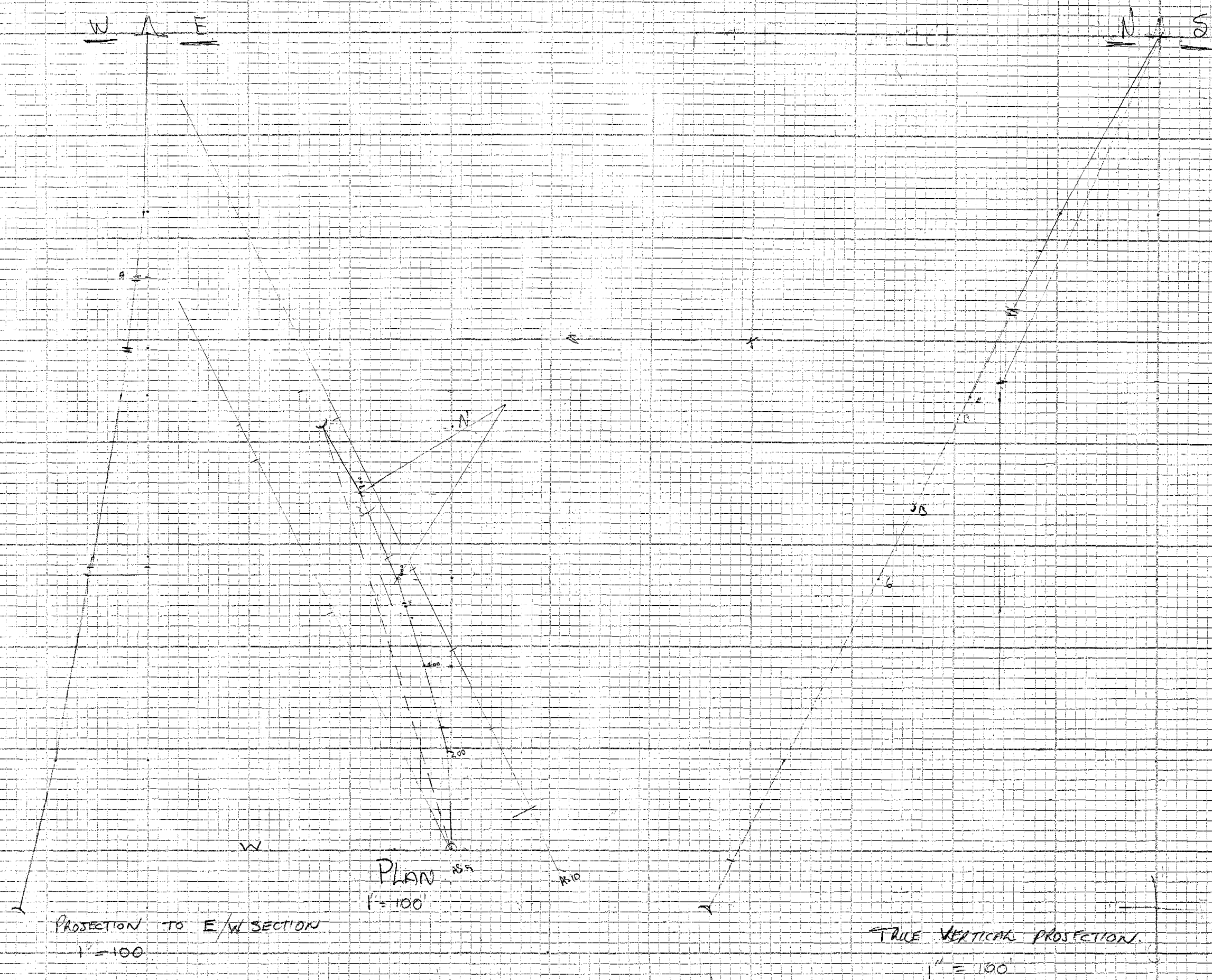
D.H. 231

3

2

2





DIAMOND DRILL CORE LOG SHEET

NOT ON
PLAN

Note No. 230A

Location Investigator 1 Elevation 371.45
Initial Depth 70' 2/3 m Co-Ords. 9566.00N, 400E
Dip 60° Bearing -
Date Commenced 29/11/1968 Date Completed

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	70			No Core <u>HOLE ABANDONED AT 70 FEET</u> <u>NO CORE WAS RECOVERED</u>		

DIAMOND DRILL CORE LOG SHEET

221.20

File No. 230

113.75 + 3.29

NOT ON
PLAN

Location E.L. 15/66 (Bold Head)

Elevation 373.20 Feet

Final Depth 152 Feet

Co-Ord. 9595.67N, 402.20E

Dip 60°

Bearing 360°

Date Commenced 25/10/1968

Date Completed 29/11/1968

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	152	152		<u>Volcanics</u> - fine to medium grained green rock. This core is highly broken and fractured with much core loss. Hole abandoned at 152' due to bad ground conditions. <u>HOLE ABANDONED AT 152 FEET</u> Rig Moved 30' behind this location.		

Location _____ Investigator 1 Elevation 376.6 Feet 326.6
114.8
3.3 } 118.1 114.8
 Final Depth 767 Feet 2338 Co-Ord. 402.84E, 9802.78N
 Dip 60° Bearing 360°
 Date Commenced 11/10/1968 Date Completed 22/11/1968

Footage		Length		Description	Assay	
From	To	Run	Sec.		NO.	Mo.
0	103 _{31.4}	103	40	<u>Actinolite Hornfels</u> - finely grained, grey, thinly bedded rock with crystalline Biotite in patches. 0 - 50' No Core		
103	113 _{34.4}	10	9.5	<u>Thinly bedded pyroxene hornfels, biotite hornfels with actinolite hornfels</u> - finely grained rock - mainly pyroxene hornfels. Core very broken and rubbly. 110 - 117 3' Lost Core Main loss 113' - 117' 2'6" Core Lost		
113	124 _{37.8}	11	9	<u>Volcanics</u> - medium grained, crystalline, green volcanics with abundant biotite and numerous white spots.		
124	142 _{43.3}	18	16	<u>Biotite Hornfels, Pyroxene Hornfels</u> - finely grained, grey biotite hornfels and green pyroxene hornfels. Bands up to 3' thick. Occasional patches of pyrite present.		
142	186 _{56.7}	44	44	<u>Volcanics</u> - medium grained, crystalline rock with abundant biotite.		
186	193.5 _{59.0}	7.5	7.5	<u>Biotite Hornfels and Pyroxene Hornfels</u> finely grained and thinly banded.		
193.5	228'10"	35'4"	35'	<u>Pyroxene Hornfels and Garnet Pyroxene Hornfels</u> - medium grained green Pyroxene hornfels with good coarse and fine scheelite mineralisation. 193.5 - 228'10" SAMPLED		
228'10"	278	49'2"	50'	<u>Bedded Biotite Hornfels, Biotite Actinolite Hornfels</u> - dark grey, finely grained rock, thinly bedded in part.		
278	283	5	3	<u>Aplite</u> - green, coarse grained rock with minor sulphides.		
283	330	47	44	<u>Biotite Hornfels & Biotite Actinolite Hornfels</u> - dark grey to black rock. Mainly Biotite Hornfels with Biotite Actinolite Hornfels bands. Spotted Biotite Actinolite Hornfels 318' @ 330'		
330	364	34	34	<u>Banded Biotite Actinolite Hornfels, Pyroxene Hornfels</u> - dark grey biotite actinolite hornfels with mainly thin pyroxene hornfels bands. At 332 there is a 2" band of garnet hornfels with weak scheelite mineralisation. 346 O 361 garnet pyroxene hornfels. bands with patchy, weak scheelite.		
364	432	68	68	<u>Volcanics</u> - finely grained to medium grained, green, biotite rich rock - very similar to upper horizon (113'-186') Aplite 374.5' - 375.5' 380' - 380.5		

0.54
22.7

Footage		Depth		Description	Assay	
From	To	ft.	Sec.		SiO ₂	Mo
432	443	11	11	<u>Aplite</u> -biotite rich, medium grained, crystalline Aplite.		
443	465	22	22	<u>Volcanics</u> - finely grained to medium grained, green, biotite rich rock.		
465	478	13	13	<u>Pyroxene Hornfels</u> - with Garnet Pyroxene Hornfels in patches with good disseminated scheelite mineralisation and noteable MoS ₂ . <u>SAMPLED</u> 465' - 476.5		
478	483	5	5	<u>Brecciated Pyroxene Hornfels</u> - broken rock with calcite vein fillings.		
483	532	49	49	<u>Calcite Hornfels</u> - mainly thinly bedded grey calcite hornfels with patches of Pyroxene Hornfels. Core angle at 490' - 10°.		
532	600	68		<u>Biotite Hornfels</u> - dark gfine grained rock with occasional bands of Pyroxene Hornfels. Pyroxene Hornfels becomes more abundant below 570'.		
600	693'6"	92		<u>Pyroxene Garnet Hornfels</u> - fine grained rock with biotite and pyroxene and coarse calcite cored garnets with reaction rims. Weak Pgh 600' to 610'. Patchy fair scheelite mineralisation from 621 to 672.5'. The rock grades into garnet pyroxene hornfels in places with weak Pgh below 672.5'.		
182.88	211.38	28.5				
693.5'	736	42.5		<u>Garnet Hornfels</u> - coarse grained garnet rock with patches of garnet pyroxene and pyroxene hornfels. Good disseminated scheelite from 689.5' to 741.5'.		
736	747	11		<u>Banded Pyroxene Hornfels</u> - and grossular garnet with bands of garnet hornfels with scheelite mineralisation.		
747	767	20		<u>Biotite Actinolite Hornfels</u> - dark grey with gradations to biotite and actinolite hornfels.		
<u>HOLE COMPLETED AT 767 FEET</u>						

600-621

38

XXXXXXXXXX

ASSAY RESULTS

193.5	197	3.5	—	0.88	
197	201	4		3.38	
201	205	4		1.18	
205	209	4		1.42	
209	213	4		0.97	
213	217	4		1.26	
217	221	4		4.76	
221	225	4		6.10	
225	228' 10"	3.7'	—	3.70	
35.33' at 2.65% WO ₃					
465	467.5'	2.5		0.43	0.020
467.5	471.5	4		1.26	0.122
471.5	476.5	5		0.56	0.025
11.50' at 0.78% WO ₃					
621	625	4		0.41	0.015
625	629	4		0.26	0.011
629	633	4		0.16	0.010
633	637	4		0.30	0.011
637	641	4		0.36	0.019
641	644	3		0.37	0.010
644	647	3		0.18	0.016
647	651	4		0.35	0.012
651	655	4		0.36	0.011
655	659	4		0.41	0.011
659	663	4		0.15	0.004
663	667.5	4.5		0.05	0.004
667.5	672.5	5		0.10	0.005
51.5' at 0.26% WO ₃					
689.5	693	3.5		0.14	0.033
693	697	4		0.75	0.050
697	701	4		0.71	0.075
701	705	4		1.03	0.082
705	709	4		1.17	0.033
709	713	4		0.47	0.027
713	717	4		0.39	0.037
717	721	4		0.65	0.037
721	725	4		0.63	0.037
725	729	4		0.99	0.062
729	733	4		0.74	0.039
733	737	4		1.17	0.046
737	741.5	4.5		0.19	0.008
52' at 0.69% WO ₃					

38 1/2 / 11.6 m @ 0.32%

DIAMOND DRILL HOLE

229

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	WO ₃	Mo		
0029/1	193.5'59.0	197'	3.5'	0.88		3.08	A lens 35.3' 28' (10.75%) 2.65% WO ₃
28/2	197'60.0	201'	4'	3.38		13.52	
29/3	201'61.3	205'	4'	1.18		4.72	
30/4	205'62.3	209'	4'	1.42		5.68	
31/5	209'63.7	213'	4'	0.97		3.88	
32/6	213'64.9	217'	4'	1.26		5.04	
33/7	217'65.1	221'	4'	4.76		19.04	
34/8	221'67.4	225'	4'	6.10		24.40	
0035/9	225'68.0	228.83' 69.7	3.83'	3.70		14.17	
0036/10	465'141.7	467.5'	2.5'	0.43	0.020	1.08	B lens 11.5' ax 0.78% WO ₃ 0.058% Mo
0037/11	467.5'142.5	471.5'	4.0'	1.26	0.122	5.04	
0038/12	471.5'143.7	476.5' 145.3	5.0'	0.56	0.025	2.80	
0039/13	621'194.3	625'	4'	0.41	0.015	1.64	C lens 38' ax 0.32% WO ₃ 0.013% Mo
40/14	625'190.5	629'	4'	0.26	0.011	1.04	
41/15	629'191.7	633'	4'	0.16	0.010	0.64	
42/16	633'192.9	637'	4'	0.30	0.011	1.20	
43/17	637'194.1	641'	4'	0.36	0.019	1.44	
44/18	641'195.4	644'	3'	0.37	0.010	1.11	
45/19	644'196.3	647'	3'	0.18	0.016	0.54	
46/20	647'197.2	651'	4'	0.35	0.012	1.40	
47/21	651'198.4	655'	4'	0.36	0.011	1.44	D lens
0048/22	655'199.6	659'	4'	0.41	0.011	1.64	
0049/23	659'200.7	663'	4'	0.15	0.004	0.60	
1/24	663'202.1	667.5'	4.5'	0.05	0.004	0.22	
0050/25	667.5'203.4	672.5' 205.0	5'	0.10	0.005	0.50	
0051/26	689.5'210.1	693'	3.5'	0.14	0.033	0.49	E lens
0049/27	693'211.2	697'	4'	0.75	0.050	3.00	
50/28	697'212.6	701'	4'	0.71	0.075	2.84	
51/29	701'213.7	705'	4'	1.03	0.082	4.12	

DIAMOND DRILL HOLE 229

Logged By: _____

SAMPLE	FOOTAGES			ASSAY		L X A	REMARKS
	From	To	Length	W _O ₃	Mo		
~~52~~ /30	705'214.9	709'	4'	1.173	0.033	4.68	Glen's 44 at 0.79 % W _O ₃ 0.047 % Mo
53/31	709'216.1	713'	4'	0.47	0.027	1.88	
54/32	713'217.3	717'	4'	0.39	0.037	1.56	
55/33	717'217.3	721'	4'	0.65	0.037	2.60	
56/34	721'219.8	725'	4'	0.63	0.037	2.52	
57/35	725'221.0	729'	4'	0.99	0.062	3.96	
58/36	729'222.2	733'	4'	0.74	0.039	2.96	
2059/37	733'223.4	737'	4'	1.17	0.046	4.68	
Q0074/38	737'224.6	741.5'	4.5'	0.19	0.008	0.85	1

CALCULATION SHEET

Sheet..... of.....

Calculated by.....

Date.....

Checked by.....

Date.....

Job No. or Desc. DD H 229 RE SURVEY.

Top A lens

1 0 3 0 8.3 0

1 0 5 2 9.5 5

2 1.0 m E

2 1.5 m N

1 0 3 2 9.3 0 m E.

1 0 5 5 1.0 5 m N

Bottom A lens

2.4.4 m E

2 5.3 m N

1 0 3 3 2.4 0 m E

1 0 5 5 4.8 5 m N

- 50.8

- 60.7

1 1 1 8.1

50.8

1 0 6 7.3

1 0 5 7.4

SHARPP LIMITED

HOLD TIME SURVEY RECORD

DATE: 23/11/68

HOLD NO. 229

LOCATION Wrights Block - 404.84E,

9802.78N

TIME						
DATE	S.T	OFF	PULLED	DTP	BRG.	REMARKS
200'	11.50	12.20	12.35	60°	22°	
400'	10.30	11.10	11.20	62°	352.5°	
600'	5.05	5.30	5.40	64°	359.5°	
0 - 100				60°	360°	
100 - 300				60°	22°	
300 - 500				62°	352.5°	
500 - 767				64°	359.5°	

0-3048

10

7

Sheet No. of ...

DIAMOND DRILL HOLE SURVEY

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. 229

Date Surveyed

? TROPARI

Total Depth 767 233.78

Depth Surveyed To 300 to 767 233.78

Casing Depth 60 18.29

Surveyed By

Depth	Drift Angle	Mean Drift Angle	Cos Sine	Vert. Depth	True Vert. Depth	Defl.	Drift Direc.	Mean Drift Direc.	Cos Sine	Co-Ords.		Sum of Co-Ords.	
										N/S	E/W	N	E
85.34 280	29.00	29.00	.8746 .4848	17.49	73.79 242.08	9.70	N 10° E	N 10° E	.9848 .1736	N	E	4.11 135.87	10.65 35.08
91.44 300	29.00	29.00	.8746 .4848	17.49	79.12 259.57	9.70	N 2° 15' E	N 2° 15' E	.9992 .0393	N	E	44.37 145.56	10.81 35.46
121.93 400	28.00	28.00	.8829 .4695	88.29	106.83 347.86	46.95	N 7° 30' W	N 7° 30' W	.9914 .1305	N	W	58.56 192.11	39.4 29.33
152.40 500	27.00	27.00	.8910 .4540	89.10	133.19 436.96	45.40	N 3° 30' W	N 3° 30' W	.9981 .0610			72.37 237.42	8.10 26.56
182.88 600	26.00	26.00	.8988 .4384	89.88	160.58 526.84	43.84	N 0° 50' W	N 0° 30' W	1.000 .0087			85.75 281.26	7.98 26.18
207.26 680	25.00	25.00	.9063 .4226	72.50	182.68 599.34	33.81	N 0° 30' W	N 0° 30' W	1.000 .0087			96.63 315.07	7.89 25.89
233.78 7.67	24.00	24.00	.9135 .4067	79.48	206.91 678.82	35.38	N 0° 30' W	N 0° 30' W	1.000 .0087			106.32 350.45	7.80 25.58

DIAMOND DRILL HOLE SURVEY

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. 229 Date Surveyed 4-6-75
 Total Depth 767' 2.52 Depth Surveyed To 280 85.34
 Casing Depth 60" 18.29 Surveyed By J.P.

Depth	Drift Angle	Mean Drift Angle	Cos Sine	Vert. Depth	True Vert. Depth	Defl.	Drift Direc.	Mean Drift Direc.	Cos Sine	Co-Ords.		Sum of Co-Ords.	
										N/S	E/W	N/S	E/W
20	31 100	30° 152	$\frac{.8583}{.5131}$	17.17	17.17	10.26	N 20° 30' E	N 20° 30'	$\frac{.9367}{.3502}$	9.61	3.59	9.61	3.59
30	45												
40	31 100	31 100	$\frac{.8572}{.5150}$	17.14	34.31	10.30	20° 30'	20° 30'	$\frac{.9367}{.3502}$	9.65	3.61	19.26	7.20
50	31 100												
60	31 100	31 100	$\frac{.8572}{.5150}$	17.14	51.45	10.30	20° 30'	20° 30'	$\frac{.9367}{.3502}$	9.65	3.61	28.91	10.81
70	31 100												
* 80	31 100	31 100	$\frac{.8572}{.5150}$	17.14	68.59	10.30	20° 30'	20° 30'	$\frac{.9367}{.3502}$	9.65	3.61	38.56	14.42
90	31 100												
100	30 145	30 145	$\frac{.8594}{.5113}$	17.19	85.78	10.23	N 15° 30' E	N 15° 30'	$\frac{.9636}{.2672}$	9.86	2.73	48.42	17.15
110	30 145												
* 120	30 145	30 145	$\frac{.8594}{.5113}$	17.19	102.97	10.23	N 15° 30' E	N 14° 15' E	$\frac{.9692}{.2462}$	9.92	2.52	58.34	19.67
130	30 145						13						
140	31 100	31 100	$\frac{.8572}{.5150}$	17.14	120.11	10.30	12° 30'	12° 30'	$\frac{.9763}{.2164}$	10.06	2.23	68.40	21.90
150	31 100												
* 160	30 100	30 100	$\frac{.8660}{.5000}$	17.32	137.43	10.00	14	14	$\frac{.9703}{.2419}$	9.70	2.42	78.10	24.32
170	30 100												
180	30 100	30 100	$\frac{.8660}{.5000}$	17.32	154.75	10.00	13	13	$\frac{.9744}{.2250}$	9.74	2.25	87.84	26.57
190	30 100												
200	29° 15'	29° 15'	$\frac{.8725}{.4886}$	17.45	172.20	9.77	11	11	$\frac{.9816}{.1908}$	9.59	1.86	97.43	28.43
210	29 115												
220	29 100	29 100	$\frac{.8746}{.4848}$	17.49	189.69	9.70	11	11	$\frac{.9816}{.1908}$	9.52	1.85	106.95	30.28
230	29 100						11						
* 240	29 115	29 115	$\frac{.8725}{.4886}$	17.45	207.14	9.77	9° 30'	9° 30'	$\frac{.9863}{.1650}$	9.64	1.61	116.59	31.89
250	29 115						9° 30'						
260	29 115	29 115	$\frac{.8725}{.4886}$	17.45	224.59	9.77	6	8° 45'	$\frac{.9884}{.1521}$	9.66	1.49	126.25	33.38
270	29 115						13° 30'						
280	29 100	29 100	$\frac{.8746}{.4848}$	17.49	242.08	9.70	10	10	$\frac{.9848}{.1736}$	9.62	1.670	135.87	35.08
290	29 100						10						
300	29 100						10						

DIAMOND DRILL HOLE BOREHOLE SURVEY

EASTMAN -- KODAK MULTISHOT CAMERA

D.D.H. No. _____

Date Surveyed _____

4-6-75

Total Depth _____

Depth Surveyed To _____

280

Casing Depth _____

Surveyed By _____

VP

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
1	0	0m			23	22	160	30	N 14 E
2	1	0m			4	3	180	m	m
3	2	m	-		5	4	180	30	13
4	3	m			6	5	200	29°15	11
5	4	m			7	6	220	29	11
6	5	m		N 0° E	8	7	220	29	11
7	6	20	31°	~~22° E~~	9	8	240	29°15	9°30'
8	7	20	31°	31°	30	9	240	29°15	9°30'
9	8	40	31°	N 37° E	1	20	240	"	"
10	9	40	31	-	2	1	240	"	"
1	10	60	31	S 4° E	3	2	260	29°15	6
2	1	60	31	S 4°30' E	4	3	280	29	10
3	2	80	31	S 5°30' E	5	4	280	"	"
4	3	100	30°45	S 9° W	6	5	280	"	"
5	4	100	30°45	6	7	6	280	"	"
6	5	120	30°45	N 15°30' E	8	7	280	"	"
7	6	120	30°45	N 15°30' E	9	8	280	"	"
8	7	140	31	12°30	40	9	280	"	"
9	8	140	"	--	1	40	280	"	"
10	9	140	"	--	2	1	280	"	"
1	20	140	"	--	3	2	280	"	"
22	1	140	-	--	4	3	280	"	"

REMARKS:--

[Handwritten signature]

DIAMOND DRILL HOLE BOREHOLE SURVEY

EASTMAN - KODAK MULTISHOT CAMERA

D.D.H. No. _____ Date Surveyed _____
 Total Depth _____ Depth Surveyed To _____
 Casing Depth _____ Surveyed By _____

Shot No.	Time	Depth	Defl.	Direct.	Shot No.	Time	Depth	Defl.	Direct
44	280	29	N 10 E		66				
5	280?	"	"	"	7				
6	260	29°15'	N 13°30' E		8				
7	M	—	—	—	9				
8	M?	—	—	—	70				
9	220	29	11		1				
50	200?	29°15'	11		2				
1	M	—	—	—	3				
2	M	—	—	—	4				
3	M	—	—	—	5				
4	M 20	30°45'	13		6				
5	M	—	—	—	7				
6	180?	30°45'	N 15°30' E		8				
7	80	31	20°30'		9				
8	40	31	S 50° W		10				
9	M	—	—	—	1				
60	20	30°45'	N 32° W		2				
1	M				3				
2	M				4				
3	M				5				
4	0				6				
5					7				

REMARKS: - _____

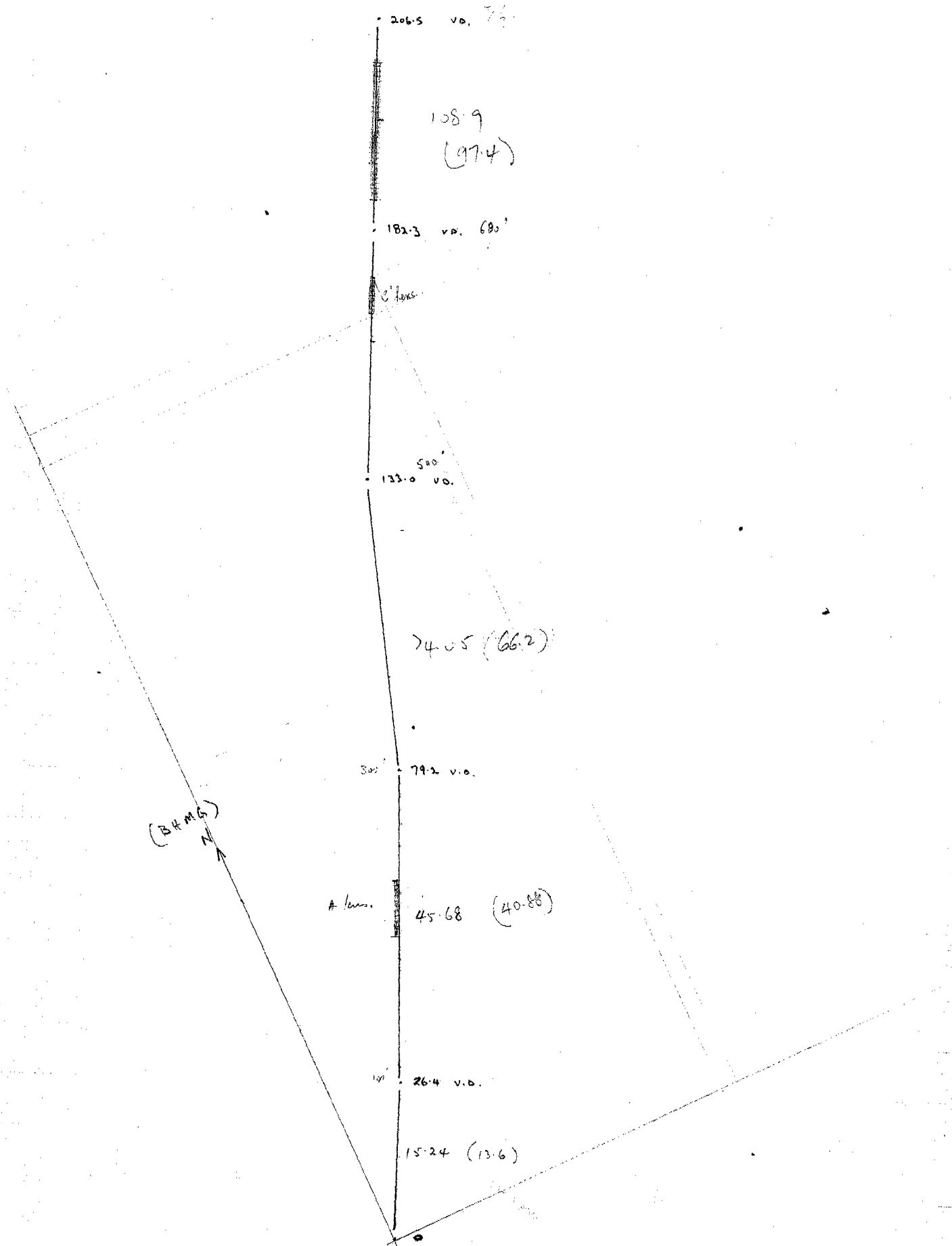
60
30
2-45

DDH 229

Scale 1:500

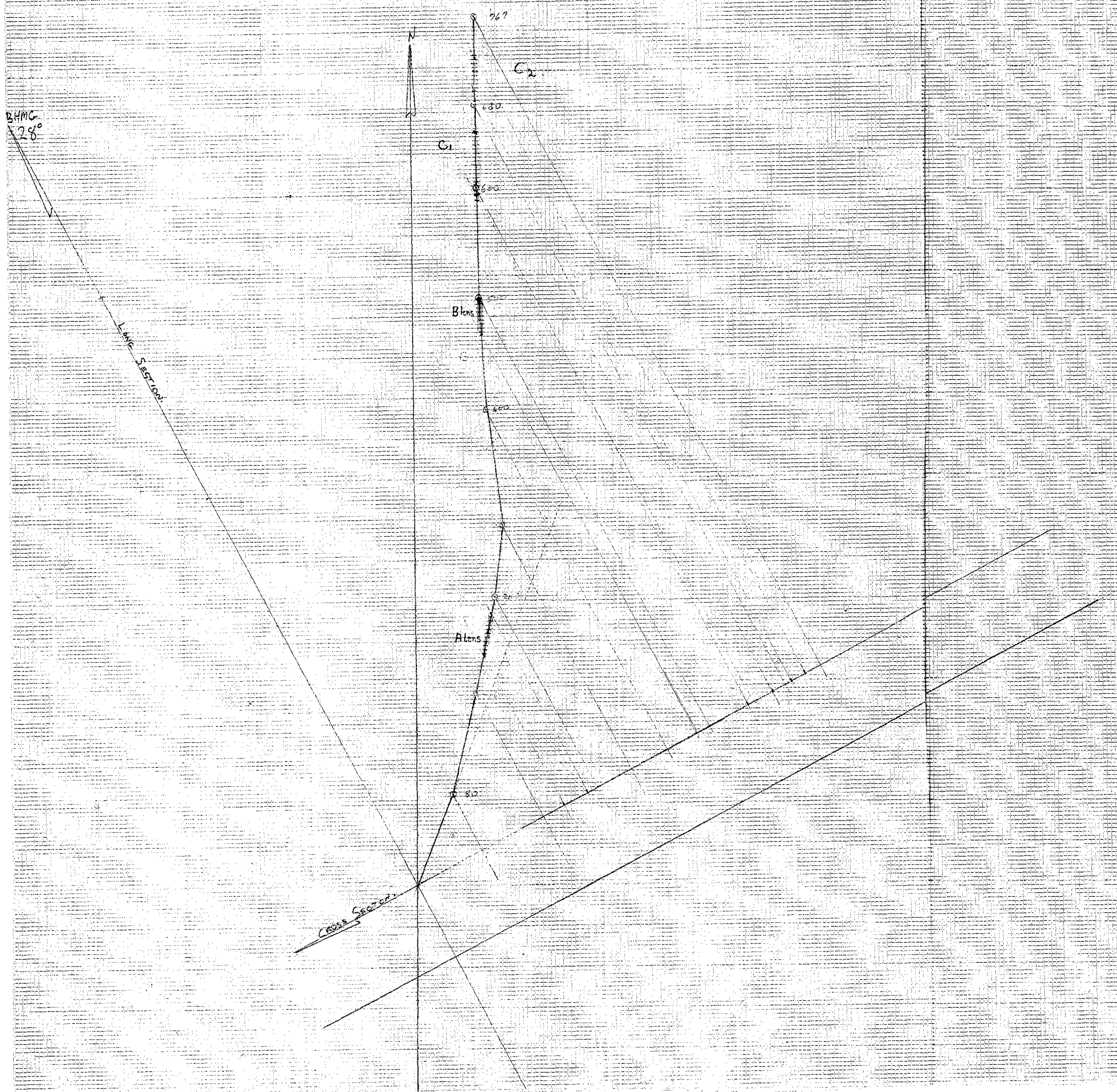
depth 233.78 m.
Surveyed to 233.78 m.

Plan view



DDH 229
 Depth Surveyed : 233.78
 Total depth : 233.78
 Surveyed by : V.P. Eastman to 85.34
 4.6.75 KOPARI to 233.78

Casing 18.29 m



DDH BH 229
Total depth 233.78
Depth Surveyed : 85.34
Date Surveyed : 4-6-75
Surveyed by : J.P.
Casing 19.29 approx
Scale 1:500.



DDH 229

215-232

S A N

W A E

PROJECTION TO N/S SECTION
SCALE 1"=50'

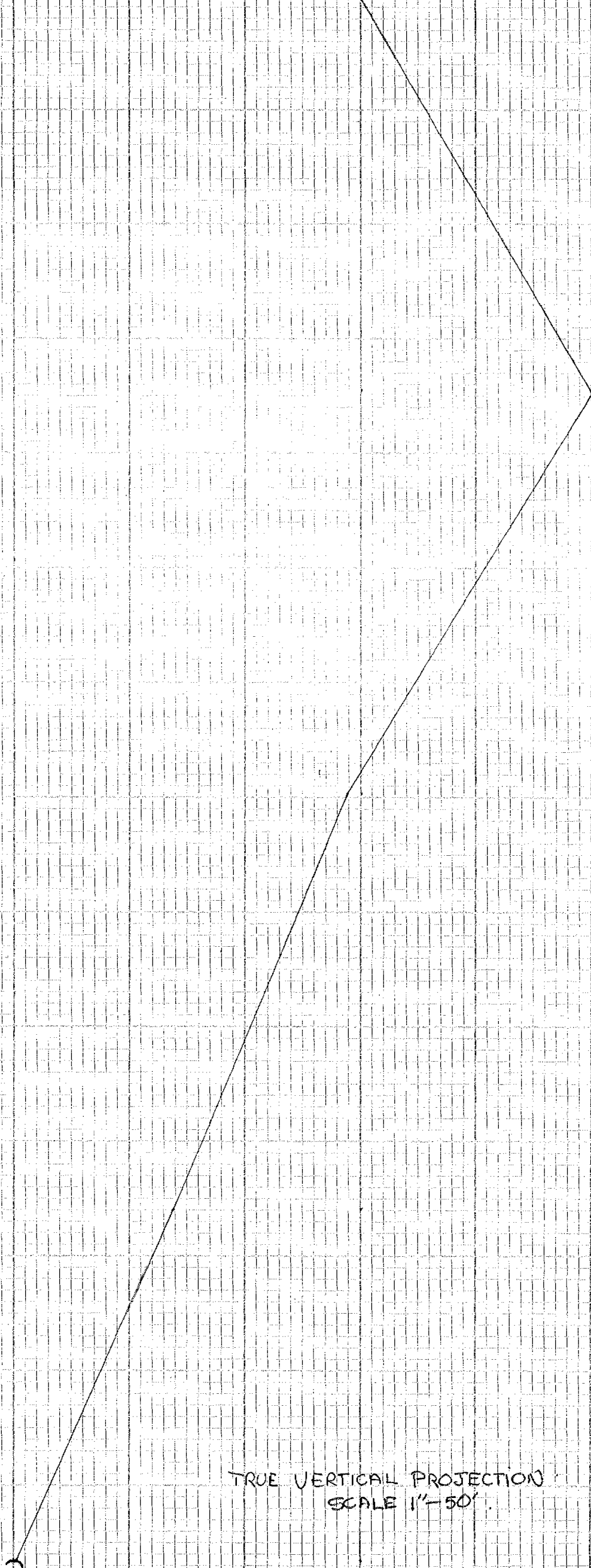
4100

PLAN VIEW
SCALE 1"=50'

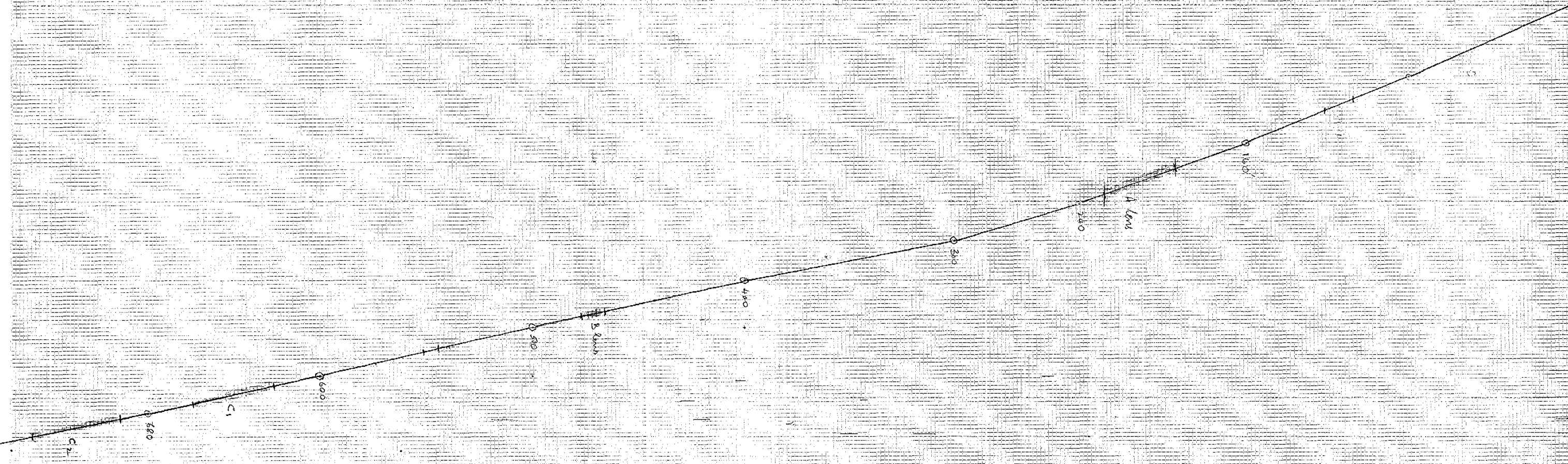
PROJECTION TO E/W SECTION
SCALE 1"=50'

DDM 229

W A E



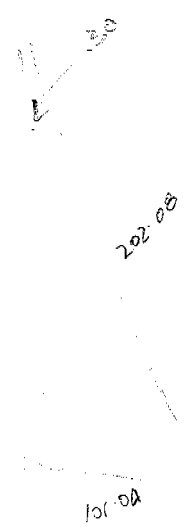
TRUE VERTICAL PROJECTION
SCALE 1"=50'



2 Not on PLAN.

Location Investigator 1 Elevation 392.17 Feet
Final Depth 663 Feet Co-Ords. 799.28E, 9711.88N
Dip 60° Bearing 360°
Date Commenced 7/10/1968 Date Completed 25/10/1968

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	663	663	202.03	<u>Quartzites</u> - fine grained grey quartzites and biotite hornfels. Minor microaprites also occur. This log is subject to alteration pending relogging/ N. R. Kinnane <u>HOLE COMPLETED AT 663 FEET</u> 577' VERTICAL 175.8 m VERTICAL RL. TOP 1122.8 m Bottom 946.9 INTERCEPTED IN Q22 10510.88 N 40428.34 E 1018 RL		



DIAMOND DRILL HOLE

228

Logged By: - _____

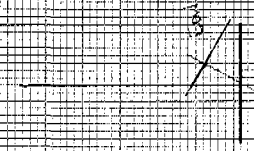
	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
	228/1	55' ^{16.8}	61'	6'	-	0.060	0.360	
	/2	61' ^{18.6}	67'	6'	-	0.195	1.170	
	/3	67' ^{20.4}	73'	6'	-	0.193	1.158	
	/4	73' ^{22.2}	78'	5'	-	0.880	4.400	33@
	/5	78' ^{23.8}	82'	4'	-	0.826	3.304	
	/6	82' ^{25.0}	86'	4'	-	0.094	0.376	0.295%
	/7	86' ^{26.2}	90'	4'	-	0.122	0.488	
	/8	90' ^{27.4}	94'	4'	-	0.055	0.220	
	/9	94' ^{28.6}	98'	4'	-	0.079	0.316	
	/10	98' ^{29.9}	102'	4'	-	0.077	0.308	
	/11	102' ^{31.1}	106' ^{33.1}	4'	-	0.040	0.160	
	/12	106' ^{32.3}	110'7"	4.58'	-	0.020	0.092	

[illegible]

Investigator 1
Elevation 408.79 Feet + 127-910
Core Depth 666.5 Feet
Co-Ords. 799.21E, 100002.78N
60°
Bearing 360°
Date Commenced 30/9/1968
Date Completed 18/10/1968

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	608	608	540	<u>Spotted Hornfels - Quartzites</u> - grey finely grained metamorphosed sediments with distinctive darker spots - probably biotite rich. Veins and patches of notable sulphides also present with siliceous metamorphosed sediment over lower 20'.		
608	666.5 <i>15 203m</i>	58.5	58.5	<u>Granite</u> - coarse grained to medium grained biotite granite. <u>HOLE COMPLETED AT 666.5 FEET</u>		
<i>> 129' good. (112' v.d.)</i> <i><u>526.5</u> (160 m)</i> <i>5 = 9/10</i> <i>203/15</i> <i>101-57.</i>						

228



10525 N

10500 N

475 N

10450 E

Collar 60000 S
10403 98 E
10450.75 N

10450 N

DDH 227

Fault 532' (162.2 m) - 534' (162.8 m) - breccia - carb

Major fracture 558' (170.1 m)

Possible fault (minor) 590' (179.8 m)

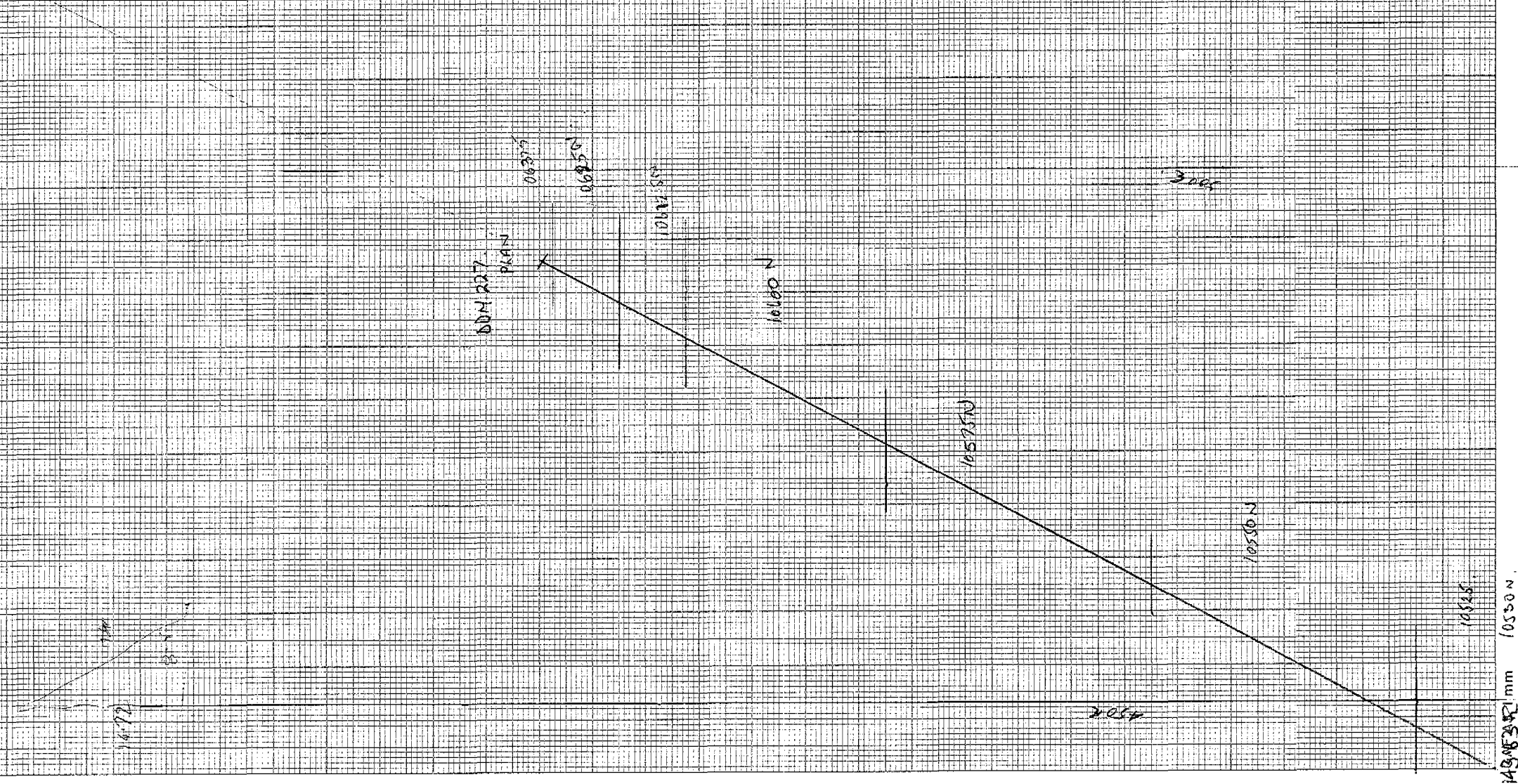
Fault 869' Breccia + carb. (264.9 m)

banded pbh - banded pbh

Incompetent ground - core lost @ 873' (266.1 m) - 878' (267.6 m)

Major fracture @ 895' (272.8 m)

29



NOT ON
PLAN?12116 + 3.29
= 124.45m

Tallawook

Investigator 1
 Depth 551 Feet
 Dip 60°
 Date Commenced 28/9/1968
 Elevation 397.51 Feet
 Co-Ords. 593.98E, 10193.66N
 Bearing 360°
 Date Completed 1/11/1968

Percentage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
0	550	550		<u>Quartzites & Biotite Hornfels</u> - fine grained grey quartzites and dark black hornfels. The hornfels are rich in sulphides.		
550	551	1		<u>Granite</u> - fine to medium grained pinkish white granite. <u>HOLE COMPLETED AT 551 FEET</u> This log is subject to alteration pending relogging. N.R. Kinnane.		

334.59

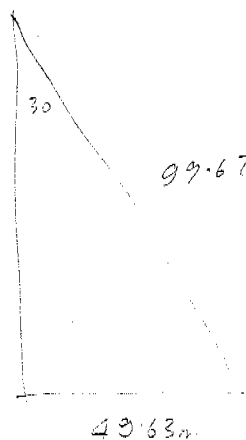
DIAMOND DRILL CORE LOG SHEET

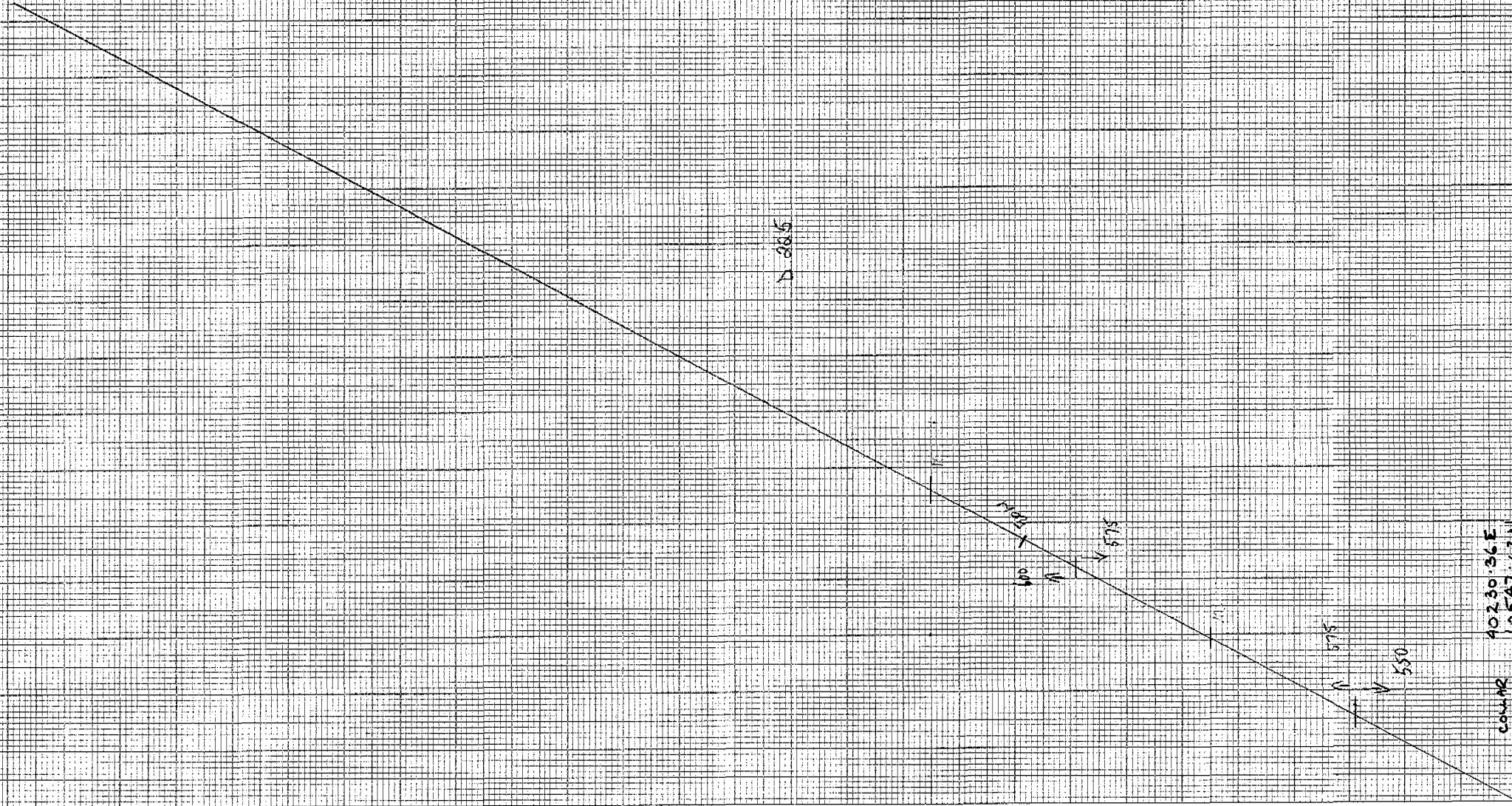
Core No. 225

Location _____ Investigator 1 Elevation 359.59 Feet (109.6)
 Core Depth 327 Feet Co-Ord. 147.61E, 9741.47N 3.29
 Dip 60° Bearing 360° 112.89
 Date Commenced 10/9/1968 Date Completed 4/10/1968

Coverage		Length		Description	Assay	
From	To	Run	Rec.		WC ₃	Mo
0	262	262	160	0 - 25 No core <u>Volcanics</u> - green-grey massive volcanics with patches of disseminated sulphides throughout. 77-42 254 - 263 ^{80.16} 7' Lost Core Possibly fault zone.		
262	327		65	<u>Granite</u> - coarse grained, biotite rich granite with an orange mineral. <u>HOLE ABANDONED AT 327 FEET</u>		

99.67m





DIAMOND DRILL CORE LOG SHEET

File No. 224

Location Investigator 1 Elevation 387.71 Feet 118.2
3.3
121.5
 Total Depth 225 Feet Co-Ord. 9667.77N, 1147.71E
 Dip 50° Bearing 360°
 Date Commenced 28/8/1968 Date Completed 4/9/1968

Footage		Length		Description	Assay	
From	To	Run	Ret.		WO ₃	Mo
0	157	157	15	<u>Volcanics</u> - finely grained, grey-green rock. Specks of scheelite in fractures over first 10 feet. 0 - 140' No core.		
157	225 68.58	68	69	<u>Quartzites</u> - finely grained, hard grey rock, with a majority of spotted hornfels, probably of the underwall sequence. <u>HOLE SUSPENDED AT 225 FEET</u>		

DIAMOND DRILL CORE LOG SHEET

216.95

Hole No. 223

Section Investigator 1 Elevation 390.95 Feet
Total Depth 319 Feet Co-Ords. 948.91E, 9624.97N
Dip 50° Bearing 360°
Date Commenced 27/8/1968 Date Completed 6/9/1968

Footage		Length		Description	Assay	
From	To	Run	Ret.		WC ₃	Mo
0	160	160	30	<u>Volcanics</u> - finely grained, grey-green hard rock with occasional specks of scheelite. 0 - 114' No core recovered.		
160	319 9723m	159	145	<u>Quartzites</u> - finely grained, grey hard rock. Appears to be quartzite with a majority of spotted hornfels of the underwall sequence. <u>HOLE ABANDONED AT 319 FEET</u>		

385.96
20
365.96 ?
NOT a PLAN

Investigator 1 Elevation 385.96 Feet
 Shot Depth 961 Feet Co-Ord. 190555.3 E, 19792.11N
 Dip -50° Bearing 0°
 Date Commenced 25/8/1968 Date Completed 2/10/1968

Footage		Length		Description	Assay	
From	To	Run	Res.		WO ₃	Mo
0	96	96	25	<u>Volcanics</u> -fine to medium grained grey-green coloured volcanics. Badly weathered over top 20' and leached to 96'.		
96	160	64	43	<u>Biotite Actinolite Hornfels</u> - black mottled Bah grading to Biotite Hornfels and Actinolite Hornfels in places. Occasional sulphide mineralisation.		
160	203	43	43	<u>Actinolite Hornfels</u> - fine grained, dark grey, mottled rock with a white mineral - similar appearance to volcanics.		
203	210.5	7.5	7.5	<u>Biotite Actinolite Hornfels</u> - dark grey, finely grained rock - banded with pyroxene hornfels over lower 1.5'.		
210.5	242	31.5	31	<u>Pyroxene Hornfels</u> - fine to medium grained, crystalline, green rock with grossular garnet in places. Coarse Mo and scheelite Mineralisation in places.		
242	250	8	8	<u>Calcite Hornfels</u> - grey, medium grained crystalline rock with patches of weakly mineralised pyroxene hornfels.		
250	293	43	43	<u>Pyroxene Hornfels</u> - green fine to medium grained, crystalline rock, grades to garnet pyroxene hornfels in places. Fair mineralisation throughout. Bands of biotite hornfels below 284.		
293	309	16	13	<u>Biotite Actinolite Hornfels</u> - grey finely grained rock grading from biotite hornfels to actinolite hornfels.		
309	378	69	69	<u>Banded Pyroxene Hornfels/Biotite Actinolite Hornfels</u> - green pyroxene hornfels (possibly volcanics) with bands of biotite actinolite hornfels up to 3' thick. Rock grades to actinolite hornfels and biotite hornfels in places.		
378	384.5	6.5	8	<u>Aplite</u> - white with black ferro-mag. minerals.		
384.5	416	31.5	31	<u>Banded Pyroxene Hornfels/Biotite Actinolite Hornfels</u> - pyroxene hornfels probably volcanics with biotite actinolite hornfels grading to biotite hornfels. Coarse plobs of sulphide - often with light green reaction rims present.		
416	435	19	21	<u>Garnet Pyroxene Hornfels</u> - highly siliceous pyroxene hornfels over top 2' with a few spots of MoS ₂ . Then garnet pyroxene hornfels- Very weakly mineralised - with patches of pyroxene garnet hornfels.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WGS	Mo
				<u>SAMPLED</u> 416 - 418 418 - 423 423 - 428 428 - 431 431 - 435		
435	468	33	32	<u>Biotite Hornfels</u> - dark finely grained rock with biotite flakes in places. Possibly biotite rich volcanics. 441 - 442 Garnet Pyroxene Hornfels.		
468	485.5	17.5	17.5	<u>Aplite</u> - white with dark ferro-mag. minerals.		
485.5	553.5	68	68	<u>Volcanics</u> - biotite rich, grey-green, crystalline rock with coarse biotite flakes.		
553.5	564	10.5	10.5	<u>Garnet Pyroxene Hornfels</u> - with patches of Garnet Hornfels and Pyroxene Hornfels. Good fine disseminated scheelite throughout. (B'line)		
564	640	76	76	<u>Calcite Hornfels</u> - white, medium grained to coarse grained crystalline rock with thin patches (up to 2' thick) of Pyroxene Hornfels with disseminated scheelite mineralisation. 614 - 615 good disseminated scheelite 618.5-620 " " " 627.5-628 Coarse veined scheelite		
640	652	12	11	<u>Hybrid Rock</u> - bedded Biotite Actinolite, biotite and pyroxene hornfels. Disseminated sulphide throughout. 644.5 - 646 Calcite Hornfels.		
652	684	32	32	<u>Biotite Actinolite Hornfels</u> - finely grained, dark grey rock, grading to Biotite Hornfels in places.		
684	710	26	26	<u>Actinolite Hornfels</u> - grey to dark grey, finely grained massive to thinly bedded rock. Grades to biotite actinolite hornfels. Occasional sulphide patches.		
710	727	17	17	<u>Biotite Actinolite Hornfels</u> - with coarse calcite inclusions showing grossular garnet and light green reaction rims. It appears as a forerunner to pyroxene garnet hornfels.		
727	739	12	12	<u>Pyroxene Garnet Hornfels</u> - Green Pyroxene hornfels with calcite and garnet inclusions showing reaction rims. Rock also contains bands of biotite hornfels.		
739	764	25	25	<u>Garnet Pyroxene Hornfels</u> - grades from pyroxene garnet hornfels. Fair patchy scheelite mineralisation throughout.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
764	777	13	13	<u>Pyroxene Hornfels</u> - green, finely grained rock with coarse sulphide patches and patches of garnet pyroxene hornfels with scattered scheelite.		
777	788	11	11	<u>Pyroxene Garnet Hornfels</u> - <u>Biotite Hornfels</u> with garnets showing green reaction rims less intensely metasomatised than 764-777.		
788	793.5	5.5	5.5	<u>Garnet Pyroxene Hornfels</u> -mainly grossular garnet with green pyroxene hornfels. Weakly mineralised.		
793.5	802	8.5	9	<u>Garnet Hornfels</u> - possibly pyroxene rock. Siliceous, heavily mineralised with scheelite and also molybdenite. Other sulphides also present.		
802	814	12	12	<u>Pyroxene Hornfels</u> - banded with biotite hornfels and minor calcite hornfels. Some patches of grossular garnet.		
814	826.5	12.5	12.5	<u>Banded Calcite, Biotite and Pyroxene Hornfels</u> - bands up to 3' thick. Some grossular garnet present and weak scheelite mineralisation.		
826.5	829	2.5	2.5	<u>Garnet Hornfels</u> - medium grained rock with good fine scheelite mineralisation. <u>SAMPLED</u> 826.5 to 828		
829	833.5	4.5	4.5	<u>Aplite</u> - fine grained to coarse grained rock with some sediment molusions.		
833.5	842	8.5	8.5	<u>Banded Garnet, Calcite, Biotite and Pyroxene Hornfels</u> - bands up to 3' thick. Garnet Hornfels contains good scheelite mineralisation. <u>SAMPLED</u> 837 to 841.5		
842	887	45	45	<u>Banded Calcite, Biotite and Pyroxene Hornfels</u> - contains thin grossular garnet bands. Very weak, patchy scheelite mineralisation. 857.5 - 867.5 Fair scheelite mineralisation. 854.5 - 867.5 <u>SAMPLED</u> 861 - 862 Aplite with scheelite mineralisation. 870-871 scheelite mineralisation in garnet pyroxene hornfels. 875.5-879 Calcite Hornfels and Garnet Pyroxene Hornfels with scheelite. 881.5 - 882 Calcite Hornfels-Garnet Pyroxene Hornfels with scheelite.		

DIAMOND DRILL CORE LOG SHEET

Hole No. 222

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
887	908	21	21	<u>Thinly bedded Biotite Hornfels/</u> <u>Actinolite Hornfels</u> - dark grey and light grey bands of Biotite Hornfels and Actinolite Hornfels and minor Pyroxene Hornfels bands. Calcite vein at 898'.		
908	927	19	19	<u>Thinly bedded Biotite Hornfels/</u> <u>Pyroxene Hornfels</u> - some pyroxene hornfels contains garnets and very weak scheelite mineralisation. Abundant scattered sulphide mineralisation throughout.		
927	961	34	34	<u>Granite</u> - Coarse grained granite with veins and crystals of an orange coloured mineral.		
<u>HOLE COMPLETED AT 961 FEET</u>						

ASSAY RESULTS

854.5	-	857.5	0.05	0.009
857.5	-	859.5	0.81	0.024
859.5	-	862.5	0.43	0.030
862.5	-	863	10.1	0.188
863	-	867	0.25	0.016

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
				<u>ASSAY RESULTS HOLE NO. 222</u>		
				210.5 - 213	0.01	
				213 - 217	0.02	
				217 - 222	0.62	
				222 - 228	0.03	
				228 - 233	0.37	
				233 - 238	0.12	
				238 - 242.5	0.23	
				242.5 - 247.5	0.04	
				247.5 - 252	0.13	
				252 - 257	0.40	
				257 - 261	0.06	
				261 - 265	0.69	
				265 - 270	0.18	
				270 - 273	0.43	
				273 - 277.5	0.39	
				277.5 - 279.5	0.39	
				279.5 - 283	0.10	
				72.5' at 0.25% WO ₃		
				554.5 - 555.5	0.49	0.016
				555.5 - 559.5	1.07	0.043
				559.5 - 564	0.40	0.023
				564 - 568	<0.05	<0.002
				568 - 573	<0.05	<0.002
				573 - 577' 9"	<0.05	<0.002
				577' 9" - 580.5'	0.73	0.028
				580.5' - 583.5'	<0.05	<0.002
				583.5 - 586	<0.05	<0.002
				586 - 589	0.59	0.25
				589 - 592	0.09	0.002
				592 - 595.5	<0.05	<0.002
				595.5 - 598.5	<0.05	<0.002
				598.5 - 601.5	<0.05	<0.002
				601.5 - 604.5	<0.05	<0.002
				604.5 - 607.5	<0.05	<0.002
				607.5 - 610.5	<0.05	<0.002
				610.5 - 613.5	<0.05	<0.002
				739 - 742	0.22	0.007
				742 - 745	0.37	0.009
				745 - 748	0.39	0.013
				748 - 751	0.18	0.003
				751 - 754	0.15	0.006
				754 - 757	0.15	0.008
				757 - 760.5	0.09	0.004
				760.5 - 763	0.72	
				763 - 766	0.04	
				766 - 769	0.06	
				769 - 772	0.08	
				772 - 775	0.06	
				775 - 778	0.01	
				778 - 781	>0.01	
				781 - 784	>0.01	
				787 - 790	0.12	
				790 - 793.5	0.19	
				793.5 - 798.5	3.44	0.256
				798.5 - 802.5	4.55	0.280
				802.5 - 804.5	0.17	0.042
				804.5 - 808.5	0.05	
				808.5 - 813	0.06	

DIAMOND DRILL HOLE 222

Logged By:

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
Q 001	222/1	210.5'	213'	2.5'	0.01		0.02	
Q 002	222/2	213.5'	217'	4'	0.02		0.08	
	0017/3	217.5'	222'	5'	0.62		3.10	A lens
	0018/4	222.5'	228'	6'	0.03		0.18	16' of
	0019/5	228.5'	233'	5'	0.37		1.85	0.32 % WO ₃
Q 003	222/6	233.5'	238'	5'	0.12		0.60	✓
	14/7	238.5'	242.5'	4.5'	0.23		1.04	
	15/8	242.5'	247.5'	5'	0.04		0.20	
Q 0016	222/9	247.5'	252'	4.5'	0.13		0.59	
	0020/10	252.5'	257'	5'	0.40		2.00	A lens
	0021/11	257.5'	261'	4.0'	0.06		0.24	27.5'
	0022/12	261.5'	265'	4'	0.69		2.76	0.35 % WO ₃
	0023/13	265.5'	270'	5'	0.18		0.90	✓
	0024/14	270.5'	273'	3'	0.43		1.29	
	0025/15	273.5'	277.5'	4.5'	0.39		1.75	
	0026/16	277.5'	279.5'	2'	0.39		0.78	
Q 0017	222/17	279.5'	283'	3.5'	0.10		0.35	
			283'					
Q 0018	222/18	416.5'	418'	2.0'	0.02	0.008	0.04	
	19/19	418.5'	423'	5.0'	0.05	0.005	0.25	
	20/20	423.5'	428'	5.0'	0.10	0.009	0.50	
	21/21	428.5'	431'	3.0'	0.07	0.009	0.21	
Q 0022	222/22	431.5'	435'	4.0'	0.10	0.009	0.40	
			435'					
Q 0023	222/23	554.5'	555.5'	1.0'	0.49	0.016	0.49	
	24/24	555.5'	559.5'	4.0'	1.07	0.043	4.28	9.5 % WO ₃
	25/25	559.5'	564'	4.5'	0.40	0.023	1.80	0.031 % Mo.
	26/26	564.5'	568'	4.0'	<0.05	<0.002		
	27/27	568.5'	573'	5.0'	<0.05	<0.002		
	28/28	573.5'	577.75'	4.75'	<0.05	<0.002		B lens?
	29/29	577.75'	580.5'	2.75'	0.73	0.028		
	30/30	580.5'	583.5'	3.0'	<0.05	<0.002		
	31/31	583.5'	586'	2.5'	<0.05	<0.002		
	32/32	586.5'	589'	3.0'	0.59	0.25	1.77	
	33/33	589.5'	592'	3.0'	0.09	<0.002		
			592'					

DIAMOND DRILL HOLE

222

Logged By: _____

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
Q0034 ↓	222/34	592.1 ¹⁴⁰	595.5'	3.5'	<0.05	<0.002		
	/35	595.5 ¹⁵¹	598.5'	3.0'	<0.005	<0.002		
	/36	598.5 ¹⁶²	601.5'	3.0'	<0.005	<0.002		
	/37	601.5 ¹⁷³	604.5'	3.0'	<0.005	<0.002		
	/38	604.5 ¹⁸⁴	607.5'	3.0'	<0.005	<0.002		
	/39	607.5 ¹⁹⁵	610.5'	3.0'	<0.005	<0.002		
	/40	610.5 ²⁰⁶	613.5'	3.0'	<0.005	<0.002		
	/41	739 ²⁵²	742'	3'	0.22	0.007	0.66	
	/42	742 ²⁶³	745'	3'	0.37	0.009	1.11	6' at 0.38% Mo
	/43	745 ²⁷⁴	748'	3'	0.39	0.013	1.17	
	/44	748 ²⁸⁵	751'	3'	0.18	0.003	0.54	
	/45	751 ²⁹⁶	754'	3'	0.15	0.006	0.45	
	/46	754 ³⁰⁷	757'	3'	0.15	0.008	0.45	
	/47	757 ³¹⁸	760.5'	3.5'	0.09	0.004	0.32	
	/48	760 ³²⁹	763'	2.5'	0.72		1.80	
	/49	763 ³⁴⁰	766'	3'	0.04		0.12	
	/50	766 ³⁵¹	769'	3'	0.06		0.18	
	/51	769 ³⁶²	772'	3'	0.08		0.24	
	/52	772 ³⁷³	775'	3'	0.06		0.18	
	/53	775 ³⁸⁴	778'	3'	0.01		0.03	
	/54	778 ³⁹⁵	781'	3'	<0.01		0.03	
	/55	781 ⁴⁰⁶	784'	3'	<0.01		0.03	
	/56	787 ⁴³⁹	790'	3'	0.12		0.36	
	/57	790 ⁴⁴⁰	793.5'	3.5'	0.19		0.66	
	/58	793.5 ⁴⁵¹	789'	5'	3.44	0.256	17.20	9' at 4.67% Mo
	/59	789 ⁴⁶²	802.5'	4'	6.20	0.280	24.80	
	/60	802.5 ⁴⁷³	804.5'	2'	0.17	0.042	0.54	
	/61	804.5 ⁴⁸⁴	808.5'	4'	0.05		0.20	
	/62	808.5 ⁴⁹⁵	813'	4.5'	0.06		0.30	
	/63	826 ⁵²⁹	828'	1.5'	1.00	0.039		

DIAMOND DRILL HOLE 222

Logged By: _____

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
Q0064	22/64	837' 255.1	841.5' 256.5	4.5'	0.39	0.027		
	↓							
	/65	854.5' 260.5	857.5'	3'	0.05	0.009	0.15	
	/66	857.5' 261.4	859.5'	2'	0.81	0.024	1.62	
	/67	859.5' 262.0	862.5'	3'	0.43	0.30	1.29	9.5' x 0.94%
	/68	862.5' 262.9	863.5'	0.5'	10.1	0.188	5.05	0.116%
Q0069	/69	863.5' 263.0	867'	4'	0.25	0.016	1.00	

Location Investigator 1 Elevation 388.64 Feet 118.5
 Final Depth 957 Feet 211.7 Co-Ords. 109517.59N, 00744.37E 121.8
 Dip 90° Bearing 360°
 Date Commenced 27/7/1968 Date Completed 21/9/1968

Footage		Length		Description	Assay	
From	To	Run	Rec.		WD ₃	Mo
0	206 62.8	206	168	<u>Volcanics</u> - weathered to approx. 24'. Less weathered below this depth to approx. 80'. Pyrrhotite abundant. Breccia at 129.5' - 133' with calcite fillings in fractures. Aplite from 444.5 - 145.5 with pyrite.		F?
206	218.5 66.6	12.5	11.5	<u>Actinolite Hornfels</u> :- with bands of volcanics. Also contains some pyrite and pyrrhotite. Light grey, fine-grained rock.		
218.5	269.5 82.1	51	43.5	<u>Biotite Hornfels</u> - with bands of Pyroxene Hornfels. Some pyrite present. Calcite fillings in fractures. Intense micro-faulting at 220.5' - 221.5'. Core angle at 221' - 45° mainly biotite schist. Core angle at 274' - 45°.		
269.5'	296.5' 90.4	28'	27'	<u>Banded Pyroxene Hornfels/Biotite Hornfels</u> - with patches of grossular garnet and minor scheelite mineralisation (<0.1%). Some Pyroxene-Garnet Hornfels also noted. Core angle at 290' - 50°. Abundant pyrite throughout and minor calcite veinlets.		
297.5	313 95.4	15.5	15.5	<u>Garnet Hornfels</u> - with banded pyroxene hornfels/biotite hornfels and some garnet-pyroxene hornfels. Scheelite mineralisation - 0.3 - 0.4% Pyrite noted.		
313	378'3" 115.3	65'3"	65'3"	<u>Thinly bedded Calcite Hornfels</u> - with some patches of grossular garnet and also some pure calcite patches relatively unmetamorphosed. Core angle - 60°.		
378'3"	384'9" 117.2	6.5	6.5	<u>Pyroxene Hornfels</u> - with patches of grossular garnet. Minor scheelite mineralisation. Good Molybdenite at 378'6"-379'6".		
384'9"	394'	9'3"	9'3"	<u>Biotite Hornfels</u> - extremely schistose		
394'	398'	4'	4'	<u>Biotite Actinolite Hornfels</u> - Dark grey, fine-grained, spotted rock.		
398'	423'	25'	23'	<u>Biotite Hornfels</u> - schistose - with patches of pyroxene hornfels and grossular garnet. Pyrrhotite abundant in pyroxene hornfels and also some MoS ₂ noted. Grinding of core from 404'2 - 406'.		
423	425.5	2.5	2.5	<u>Aplite</u> - Greenish white, muscovite rich aplite - MoS ₂ noted.		

Footage		Length		Description	Assay	
From	To	Run	Rec.		Wt. %	Mo
425.5	460'	34.5	31	<u>Actinolite Hornfels</u> - with some biotite hornfels. Core becoming very broken in places. Abundant pyrite - especially on fractures. Light to dark grey, very finely grained rock with mottled appearance.		
460'	486.5 148.3	26.5	20.5	<u>Biotite Hornfels</u> - with some actinolite hornfels bands - pyrite in fractures. Schistose and mottled appearance. Aplite bands at 479' and 482'.		
486.5	504 153.6	17.5	17	<u>Mainly Aplite</u> - with some biotite hornfels bands at 489' - 491' and 498.5' - 501'. 8' core lost between 502' and 512'. Mainly pug.		
504	513 156.3	9		<u>Fault</u> - core lost - some puggy material.		
513	516 157.3	3	2	Broken <u>Biotite Hornfels and Aplite</u> .		
516	541 164.9	25	22	<u>Volcanics</u> - fine grained, greenish-grey rock with mottled appearance. Patches of biotite hornfels with schistose appearance. Actinolite crystals abundant.		
541	564 171.9	23	10	<u>Actinolite Hornfels</u> - with some bands of volcanics. Fine grained, grey rock - some banding and extremely broken.		
564	578 176.2	14	12	<u>Aplite</u> - medium grained, hornblende aplite, becoming coarse grained.		
578	579	1	1	<u>Actinolite Hornfels - Biotite Hornfels</u>		
579	580	1	1	Calcite Hornfels.		
580	585	5	2	Mica rich <u>Biotite Hornfels</u> - some actinolite hornfels - some leaching. Could possibly be some griesen.		
585	588	3	2	<u>Banded Pyroxene Hornfels/ Biotite Hornfels</u> - with grossular garnet and some calcite.		
588	594.5 181.2	6.5	6.5	<u>Banded Biotite Hornfels/ Pyroxene Hornfels</u> - with some calcite. Grossular garnet at 592.5' - 593' with some scheelite.		
594.5	606 184.7	11.5	11.5	<u>Garnet Pyroxene Hornfels</u> - possibly <u>Pyroxene Garnet Hornfels</u> - with some banded Pyroxene/ biotite hornfels with grossular garnet. Scheelite mineralisation ~ 0.3 - 0.4%.		
606	678 206.6	72	7	<u>Banded Calcite Hornfels</u> - pale calcite hornfels with spots and bands of darker calcite hornfels and occasional bands		

Footage		Length		Description	Assay	
From	To	Run	Rec.		WC ₃	Mo
678	736	58	51	of grossular garnet. Sludge at 612.5 - 618.5.		
736	233.5 766	30	29	<u>Biotite Actinolite Hornfels</u> - biotite rich with a few thin bands of pyroxene hornfels and also a few patches of pyroxene hornfels, with sulphur mineralisation at 680' - 688' with light grey, angular inclusions.		
766	235.6 773	7	8	<u>Biotite Actinolite Hornfels</u> - with similar appearance to pyroxene-garnet-hornfels. i.e. angular inclusion of calcite showing green reaction rims.		
773	256.6 842	69	69	<u>Pyroxene Garnet Hornfels</u> - Green pyroxene hornfels with calcite cored grossular garnet inclusions showing green reaction rims.		
842	256.6 856	14	9	<u>Garnet Pyroxene Hornfels</u> - graduation from pyroxene garnet hornfels showing fair, patchy scheelite mineralisation. Very weakly mineralised below 797' - with patches of crystalline calcite hornfels below 836'.		
856	858	2	2	<u>Fault Breccia</u> - with hydrothermal quartz and a soft mineral.		
858	861	3	2	<u>Calcite Hornfels</u> - grey, medium grained, crystalline rock, no mineralisation.		
861	861	3	2	<u>Broken Ground</u> - badly broken ground, sandy appearance with biotite hornfels and quartzite chips.		
861	861.5	6"	2"	860' - 861' - Quartzite - possibly hydrothermal quartz.		
861.5	262.6 864	2.5	.5	<u>Garnet Hornfels</u> - very weakly mineralised with hydrothermal quartz veins.		
864	263.3 871	7	1	<u>Broken Biotite Hornfels</u> pieces.		
871	265.5 875	4	1	<u>Garnet Hornfels</u> - with bands of pyroxene hornfels and biotite hornfels. Mainly garnet hornfels with good fine disseminated scheelite ~0.79%. Bands of Biotite Hornfels and Pyroxene Hornfels at bottom (towards 871').		
875	881	6	5	<u>Broken Core</u> - badly broken ground with sandy material and rubbly garnet hornfels.		
	268.5	6	5	<u>Banded Garnet Hornfels</u> - with bands of biotite hornfels and pyroxene hornfels. Good Garnet Hornfels bands with good scheelite mineralisation (1%+)		

Ch. 1/10
F. 1

Footage		Length		Description	Assay	
From	To	Run	Rec.		WO ₃	Mo
881	917 299.5	36	16	<u>Banded Biotite Hornfels/Pyroxene Hornfels and actinolite hornfels</u> - thinly bedded and fine grained. Core broken and rubbly in patches.		
917	957 291.7	40	40	<u>Granite</u> - medium to coarse grained granite - biotite rock over top 6' and containing crystals of an orange mineral. <u>HOLE COMPLETED AT 957 FEET</u>		

Footage		Length		Description	Assay	
From	To	Run	Sec.		WO ₃	Mo
<u>ASSAY RESULTS OF SAMPLES TAKEN FROM HOLE 221</u>						
		296.5'	to 300'		0.27	0.028
		300	301.5		<0.01	-
		301.5	302.75		0.08	0.013
		302.75	304.5		<0.01	0.004
		304.5	306.5		0.71	0.030
		306.5	309		0.64	0.032
		309	310		1.28	0.065
		310	312		0.27	0.025
		312	313		0.14	0.013
		313	317		<0.01	0.003
		379	380		<0.01	0.36
		592.5	593		0.76	0.024
		593	594.5		0.07	0.006
		594.5	596		0.73	0.026
		596	597.5		0.03	0.003
		597.5	598.5		1.16	0.037
		598.5	599.5		0.08	0.003
		599.5	602.5		1.97	0.062
		602.5	604.5		1.37	0.047
		604.5	606		0.07	0.007
		612.5	618.5		0.14	0.006
		655	657		0.78	0.029
		773	775.5		1.31	0.037
		775.5	777		0.79	0.021
		777	782		0.24	0.006
		782	785		0.25	0.009
		785	788		0.43	0.013
		788	793		0.20	0.008
		793	797		0.31	0.008
		871	875		0.06	0.004
		875	877		<0.01	0.004
		877	880		0.67	0.021
		880	882		<0.01	0.003

DIAMOND DRILL HOLE 221Logged By:

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
		91.7						
Q0001	221/1	297.5'	300'	2.5'	0.27	0.028	0.67	
~~Q0002~~	/2	300'	301.5'	1.5'	<0.01	0.00	0.02	
Q0002	/3	301.5'	302.75'	1.25'	0.08	0.013	0.10	
~~Q0003~~	/4	302.75'	304.5'	1.75'	<0.01	0.004	0.02	
Q0001	/5	304.5'	306.5'	2.00'	0.71	0.030	1.42	8 lens
Q0002	/6	306.5'	309'	2.5'	0.64	0.032	1.60	7.5' at
Q0003	/7	309'	310'	1.0'	1.28	0.065✓	1.28	0.65% WO ₃
Q0004	/8	310'	312'	2.0'	0.27	0.025	0.54	0.034% Mo
Q0005	/9	312'	313'	1.0'	0.14	0.013	0.14	
~~Q0006~~	/10	313'	317'	4'	<0.01	0.003	0.04	
		96.6						
		115.5						
Q0004	/11	379'	380'	1.0'	<0.01	0.360✓		
		180.6						
Q0005	/12	592.5'	593'	0.5'	0.76	0.024	0.38	8 lens
~~Q0006~~	/13	593'	594.5'	1.5'	0.07	0.006	0.11	
Q0005	/14	594.5'	596'	1.5'	0.73	0.026	1.10	0.96% WO ₃
~~Q0007~~	/15	596'	597.5'	1.5'	0.02	0.003	0.03	
Q0006	/16	597.5'	598.5'	1.0'	1.16	0.037	1.16	
~~Q0008~~	/17	598.5'	599.5'	1.0'	0.08	0.003	0.08	
Q0007	/18	599.5'	602.5'	3.0'	1.97	0.062✓	5.91	Mo: 0.032%
Q0008	/19	602.5'	604.5'	2.0'	1.37	0.047	2.74	
Q0006	/20	604.5'	606'	1.5'	0.07	0.007	0.11	
		184.7						
Q0007	/21	612.5'	618.5'	6.0'	0.14	0.006		
Q0009	/22	618.5'	657'	2.0'	0.78	0.029		
		189.1						
		235.6						
~~Q0010~~	/23	773'	775.5'	2.5'	1.31	0.037	3.28	8 lens
Q0010	/24	775.5'	777'	1.5'	0.79	0.021	1.19	24' at
Q0011	/25	777'	782'	5.0'	0.24	0.006	1.20	
Q0012	/26	782'	785'	3.0'	0.25	0.009	0.75	0.41% WO ₃
Q0013	/27	785'	788'	3.0'	0.43	0.013	1.29	
Q0014	/28	788'	793'	5.0'	0.20	0.008	1.00	Mo: 0.012%
Q0015	/29	793'	797'	4.0'	0.31	0.008	1.24	
		241.7						

DIAMOND DRILL HOLE 221

Logged By: _____

	SAMPLE	FOOTAGES			ASSAYS		L X A	REMARKS
		From	To	Length	WO ₃	Mo		
	Q000221/30	²⁵⁵ 871'	875'	4'	0.06	0.004	0.24	
	Q000 /31	^{266.7} 875'	877'	2'	0.01	0.004	0.02	
	Q000 /32	^{267.3} 877'	880'	3'	0.67	0.021	2.01	
	Q000 /33	^{268.2} 880'	^{268.8} 882'	2'	0.01	0.003	0.02	

Fault 612' (186.5 m)

Possible fault 770' (234.7 m)

Possible fault 828' (261.5 m)

00070710 11111111

BOMB TIME SURVEY REPORT

DATE: 9/9/68

TRAIL No. 221 LOCATION Wrights Block - Bold Head

WRIGHTS					
DEPTH	SST	WVF	WALL	ATP	BRC.
750'	2.00	2.40	3.00	81°	275°
600'	9.30	10.05	10.15	84°	276°
400'	1.15	1.40	1.50	86°	293°
200'	10.25	10.40	10.50	88°	354°

CALCULATION SHEET NO. 1

CALCULATION SHEET NO. 2

1	2	3	4	5	6	7	8	9	10	11	12	13		14		15		16	
Depth	Course Length	Drift Angle	Cosine Sine	Contangent Tangent	Vertical Depth	True Vertical Depth	Course Deviation	Drift Direction	Cosine Sine	Contangent Tangent	Deflection	Co-ordinate Difference				Rectangular Difference			
												N	S	E	W	N	S	E	W
200 60.96	200	29°	0.8746 0.4848	0.5543	174.920	174.920	96.960	N 2° W	0.9974 0.0349	0.0849	96.960	96.960			3.388	96.960		3.388	
400 121.92	200	26°	0.8988 0.4384	0.4877	179.760	354.680	87.680	N 15° W	0.9659 0.2588	0.2679	194.64	84.64			22.692	181.548		26.080	
600 182.88	200	27°	0.8910 0.4540	0.5095	178.200	532.880	90.800	N 18° W	0.9511 0.3090	0.3249	275.44	86.360			28.057	267.908		54.137	
800 243.84	200	27°	0.8910 0.4540	0.5095	178.200	711.080	90.800	N 24° W	0.9135 0.4067	0.4452	366.24	92.946			36.928	350.854		91.065	
963 293.52	163	27°	0.8910 0.4540	0.5095	145.333	856.313	74.002	N 29° W	0.8746 0.4848	0.5543	440.262	64.732			35.876	415.576		126.941	
0		30	0.8660 0.5000					N 0° E	1.0000 0.0000										
100' C.P.					86.6	86.6 26.4	50.0					50.0			0	15.24 50		0	
200		29	0.8746 0.4848					N 2° W	0.9994 0.0349										
300' C.P.					174.92	261.52 19.91	96.96					96.96			3.38	146.90 44.77		3.38 1.03	
400		26	0.8988 0.4384					N 15° W	0.9659 0.2588										
500' C.P.					179.76	441.28 134.50	87.68					84.69			22.69	70.59 231.59		26.07 7.95	
600		27	0.8910 0.4540					N 18° W	0.9511 0.3090										
700' C.P.					178.2	619.48 189.32	90.80					86.36			28.06	96.91 317.95		54.13 16.50	
800		27	0.8910 0.4540					N 24° W	0.9135 0.4067										
880' C.P.					160.28	779.86 237.70	81.72					74.65			33.23	119.66 392.60		87.36 26.63	
963		27	0.8910 0.4540					N 29° W	0.8746 0.4848										
					73.95	853.81 260.24	37.68					32.95			19.27	129.71 425.55		105.63 32.20	

(TROPARI)

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 1

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

[illegible]

HOLE NO. 221

POSITION	DEPTH	BEARING	DIP	R.L.	EASTING	NORTHING
0	COL	~~000°~~ 360°	~~88°~~	1121.80	40362.53	10405.25
1	200' 60.96	N 06° 00' W	-88°			
2	400' 121.92	N 67° 00' W	-86°			
3	600' 182.88	N 84° 00' W	-84°			
4	750' 228.60	N 85° 00' W	-81°			
5	957' 291.69	N 86° 00' W.	-80°			
6						
7	100 30.48	N 06 00' W	-88			
8	200 91.44	N 67 00' W	-86			
9	500 152.40	N 84 00' W	-84			
10	675	N 85 00' W	-81			
11	853	N 86° 00' W	-80			
12	957 291.69	N 86 00' W	-80			
13						
14						
15						
16						
17						
18						

INTERSECTIONS

254.2

237

361 262.43

3

1060.84	BH/221	0.00
40362.53	R.L.	1121.80
10405.25	EASTINGS	40362.53
	NORTHINGS	10405.25

999.92	BH/221	254.20
40363.33	R.L.	868.35
10407.22	EASTINGS	40353.33
	NORTHINGS	10415.38

939.11	BH/221	254.20
40360.65	R.L.	868.35
10410.53	EASTINGS	40353.33
	NORTHINGS	10415.38

890.64	BH/221	254.20
40356.69	R.L.	868.35
10413.20	EASTINGS	40353.33
	NORTHINGS	10415.38

881.32	BH/221	262.43
40346.41	R.L.	860.22
10418.57	EASTINGS	40352.25
	NORTHINGS	10416.08

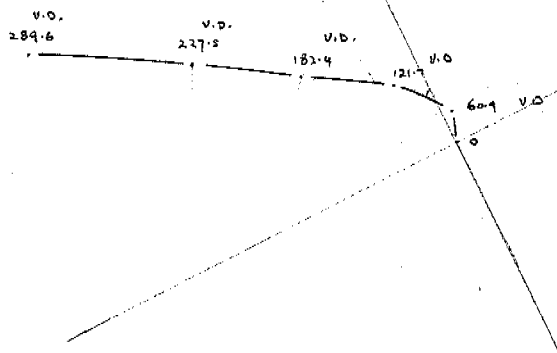
234.00	BH/221	262.43
888.30	R.L.	860.22
40355.98	EASTINGS	40352.25
	NORTHINGS	10416.08

10413.66

DDH 221

Scale 1:500

Plan view



depth: 291.69 m

Surveyed to: 291.69 m

EASTMAN MULTISHOT DRILL HOLE SURVEY

CALCULATION SHEET NO. 2

[illegible]

Major fracture 154' (46.9 m)

Possible fault 234' (71.3 m) - 239' (72.8 m)

Rubbly ground - core lost

contact of UV - BH

Ground incompetent @ 281' (85.6 m)

Ground incompetent 292' (89.0 m)

Possible fault 312' (95.1 m) breccia in ap.

Possible fault 329' (100.3 m) " "

Possible fault 410' (125.0 m) slightly brecciated

Fault 541' (164.9 m) breccia + clinahumite

Possible fault 560' (170.0 m)

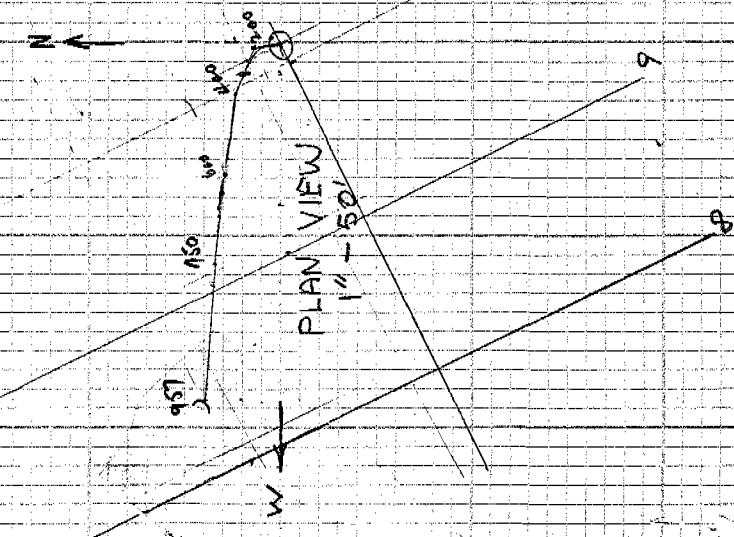
DDH

DDH 221

N Δ S

W Δ E

W Δ E



PROJECTION TO N/S SECTION
SCALE 1" = 50'

PROJECTION TO E/W SECTION
SCALE 1" = 50'

TRUE VERTICAL PROJECTION
SCALE 1" = 50'