

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

- DIAMOND DRILL HOLE
- 140 PPM CU. - B HORIZON SOIL
- IP CHARGEABILITY CONTOUR (2 MILLISECOND INTERVAL)
- MAGNETIC CONTOUR (1000 GAMMA INTERVAL)

VANCO EXPLORATIONS LTD	
GALAXY OPTION	
D.D.H. VG-1, VG-2, VG-3, & VG-5	
DRILL HOLE, GEOPHYSICAL AND	
GEOCHEMICAL COMPOSITE PLAN	
SCALE: 1" = 400'	DATE: FEB. 1966

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

1-4

PROPERTY GALAXY COPPER DEPTH 243' DIP VERTICAL LOCATION 16 + 50 N START OCT. 18, 1965
 HOLE No. V. G. - 1 COLLAR EL. _____ AZIMUTH - 66 + 15 W FINIS OCT. 24, 1965

SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
0' - 54'	Overburden							
54' - 80'	<i>includes xenolithic diorite within breccia, also deep-tinted (pinkish-bleu) rock</i> METADIORITE: Fine grained, dark grey green, no recognizable constituent minerals. Entire unit highly chloritized. Shear planes are serpentized. Massive throughout. Contains 3% calcite as veinlets and fracture fillings, and minor disseminated pyrite. 76.5 - 78.0: Pyrite zone, contained 10% pyrite as disseminations and fracture fillings. Considerable calcite in more highly mineralized zones. <i>Some chpy Fe</i> 78 - 80: Pods of dark green chlorite (1/10" diam) give porphyritic effect.	4201 4202 4203	54' 60' 70'	60' 70' 80'	6' 10' 10'	Trace Trace 0.20		
80' - 81'	<i>heavily serpentized porphyry; also pinkish-buff</i> DIORITE: Medium grained, massive unit. Essentially chlorite. Hornblende in a plagioclase matrix. Minor disseminated pyrite associated with incipient epidote alteration.							
81' - 94'	CHLORITIZED DIORITE: Heavily fractured with calcite fracture fillings and veinlets. Bands of diorite as in 80 - 81 occur throughout. Occasional irregular blebs of epidote.	4204 4205	80' 90'	90' 100'	10' 10'	0.19 0.10		
94' - 95'	Gouge Zone.							

VANCO EXPLORATIONS LTD.

DIAMOND DRILL HOLE RECORD

PROPERTY GALAXY COPPER DEPTH 243' DIP VERTICAL LOCATION 16 + 50 N START Oct. 18, 1965
 HOLE No. VG - 1 COLLAR EL. _____ AZIMUTH - 66 + 15 W FINISH Oct. 24, 1965

SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
95' - 105'	DIORITE: Heavily fractured. Contains feldspathized zones in which orthoclase replaces diorite constituents. Occasional blebs of quartz in replacement areas. Minor epidote and 2% disseminated pyrite. 101-102: Gouge Zone.							
105' - 107'	Gouge Zone	4206	100'	110'	10'	0.78		
107' - 113'	DIORITE: Fractured and chloritized. Mottled dark and grey green. Contains 10% epidote as irregular blebs. Fractures predominantly calcite filled with occasional serpentine fillings. Minor hematite throughout, but appears to increase with depth.	4207	110'	117'	7'	0.16		
113' - 145'	ALBITIZED DIORITE: 113-123.5: Transition zone: Unit is very chloritic with much fine grained calcite. Albite content increases with depth, but occurs mainly as small blebs and patches. Magnetite and hematite occur as blebs to 1/2" diameter. 123.5-145: Medium grained, massive, mottled dark and pale green. Small breccia zones (1' to 2') occur throughout with fragments of albite containing calcite veinlets in a hematite matrix. Minor associated pyrite and epidote occur throughout.	4208 4209 4210	117' 125.4' 136'	125.4' 136' 145'	8.4' 10.6' 9'	Trace 0.06 Trace		

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

3-4

PROPERTY GALAXY COPPER DEPTH 243' DIP VERTICAL LOCATION 16 + 50 N START Oct. 18, 1965
 HOLE No. VG - 1 COLLAR EL. _____ AZIMUTH - 66 + 15 W FINISH Oct. 24, 1965

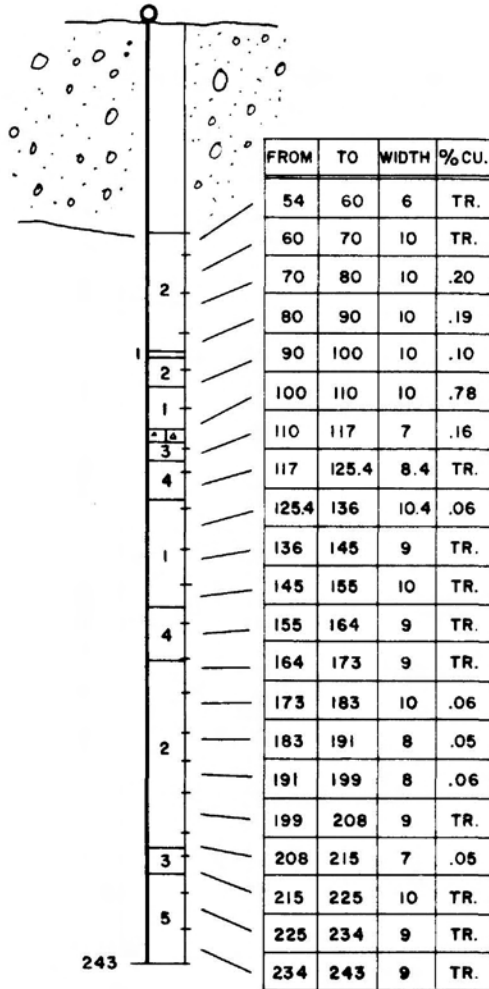
SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
145' - 151'	DIORITE: Fine grained massive with chlorite shears at 45° to core axis. Occasional brecciated zones (2 to 3 cms wide) containing chlorite and epidote.	4211	145'	155'	10'	Trace		
151' - 165'	ALBITIZED DIORITE: Moderately albitized, medium grained diorite with occasional calcite veins and serpentized fractures.	4212	155'	164'	9'	Trace		
165' - 213'	METADIORITE: 165-170: Medium grey green, fine grained, very chloritic with occasional albite patches. 170-184: Vuggy surface, pale grey green, chlorite with considerable epidote. 184-208: Very fine grained, pale green pronounced fracture pattern (calcite filled) at 30° to core axis. Abundant epidote alteration. Minor serpentization in fracture zones. Disseminated pyrite with very minor chalcopyrite throughout. 208-213: Very fine grained, heavily fractured with chlorite fillings. Shearing at 50° to core axis.	4213	164'	173'	9'	Trace		
		4214	173'	183'	10'	0.06		
		4215	183'	191'	8'	0.05		
		4216	191'	199'	8'	0.06		
		4217	199'	208'	9'	Trace		
		4218	208'	215'	7'	0.05		
		4219	215'	225'	10'	Trace		
213' - 220'	Transition Zone: Pale grey metadiorite sheared as above, very chloritic.							

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

4-4

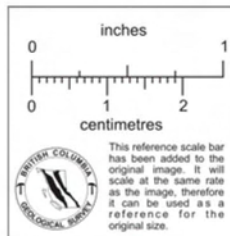
PROPERTY GALAXY COPPER DEPTH 243' DIP VERTICAL LOCATION 16 + 50 N START OCT. 18, 1965
 HOLE No. V. G. - 1 COLLAR EL. - AZIMUTH - 66 + 15 W FINISH OCT. 24, 1965

SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
220' - 243'	MONZONITE: Fine to medium grained, massive. Weak kaolinization occurs sporadically. Approximately 50% K-feldspar. Considerable calcite and 1 - 2% disseminated pyrite throughout.	4220	225'	234'	9'	Trace		
		4221	234'	243'	9'	Trace		
243'	END OF V. G. - 1							
	<u>Logged by D. H. Nicholson</u>							
	<u>Dip Tests: 245' - 90°</u>							



LOCATION 66+15W, 16+50N.
DIP 90°

- 1 DIORITE
- 2 METADIORITE
- 3 CHLORITIC DIORITE
- 4 ALBITIZED DIORITE
- 5 MONZONITE
- △△△ BRECCIATED



VANCO EXPLORATIONS LTD.

GALAXY OPTION

D.D.H. No. VG-1

DATE: DEC. 1965

SCALE: 1" = 50'

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

1-2

PROPERTY GALAXY COPPER DEPTH 295' DIP VERTICAL LOCATION 72 + 45 W START OCT. 25, 1965
 HOLE No. V. G. - 2 COLLAR EL. _____ AZIMUTH - 17 + 90 N FINISH NOV. 5, 1965

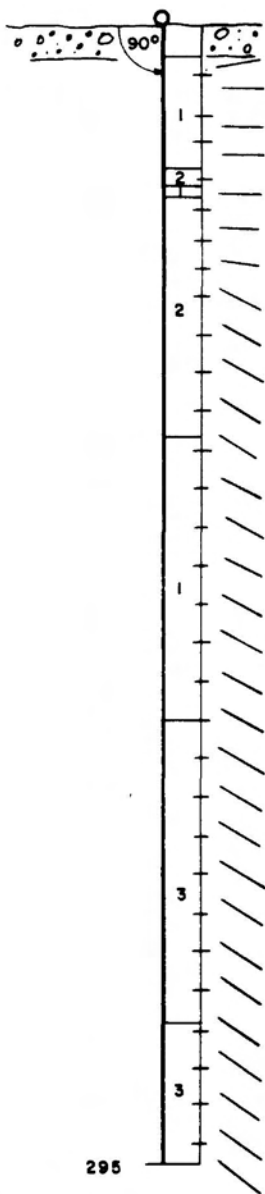
SECTION		DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
From	To						% Cu	%	%
0'	8'	Overburden							
8'	37'	DIORITE: 16 - 20: Medium grained, highly shattered, considerable epidote. 20 - 37: Fine grained, massive, 10% calcite as disseminations and stringers. Minor epidote alteration. 5% hematite from 22 to 24.	4247 4248 4249 4250	8' 13' 23.5' 30'	13' 23.5' 30' 40'	5' 10.5' 6.5' 10'	0.07 Trace 0.08 Trace		
37'	106'	ALBITIZED DIORITE: Medium grained diorite which has been subjected to intense albite alteration. 41 - 44: Sheared at 60° to core axis. 44 - 106: Epidote alteration in fracture areas. Occasional vuggy calcite veins in minor contorted zones.	4251 4252 4222 4223 4224 4225 4226 4227	40' 48' 56' 63' 70' 80' 90' 100'	48' 56' 63' 70' 80' 90' 100'	8' 8' 7' 7' 10' 10' 10' 10'	0.05 0.07 0.06 0.07 0.08 Trace 0.06		
106'	180'	DIORITE: Fine grained, massive, colour changes at 150' to dark green. 160 - 164: Moderate albitization. 169 - 173: Sheared with heavily disseminated pyrite and minor chalcopyrite mineralization. 176 - 180: Sheared.	4228 4229 4230 4231 4232 4233 4234 4235	110' 120' 130' 140' 150' 160' 170' 180'	120' 130' 140' 150' 160' 170' 180'	10' 10' 10' 10' 10' 10' 10' 10'	0.24 0.32 0.45 0.10 Trace 0.12 0.78		
180'	295'	METADIORITE: Dark green to black, heavily chloritized, fine grained to aphanitic. Occasional shearing at 30° and 60° to core axis. Considerable calcite and minor serpentine throughout.	4236 4237 4238 4239 4240 4241	190' 200' 210' 220' 230' 240'	200' 210' 220' 230' 240' 250'	10' 10' 10' 10' 10' 10'	0.11 0.32 0.34 0.94 0.52 0.06 0.07		

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

2-2

PROPERTY GALAXY OPTION DEPTH 295' DIP VERTICAL LOCATION 72 + 45 W START Oct. 25, 1965
 HOLE No. VG - 2 COLLAR EL. _____ AZIMUTH - 17 + 90 N FINISH Nov. 5, 1965

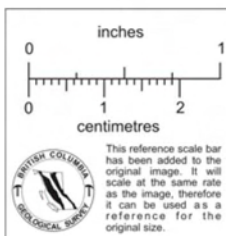
SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
180' - 295' (Contd.)	Pyrite 1 - 2% occurs throughout as disseminations and blebs. 258-295: Texture becomes "porphyritic" with olivine phenocryst in a fine grained pyroxene and minor serpentine matrix. 3% disseminated magnetite throughout.	4242	250'	260'	10'	Trace		
		4243	260'	270'	10'	0.06		
		4244	270'	280'	10'	0.06		
		4245	280'	290'	10'	0.09		
		4246	290'	295'	5'	0.06		
295'	END OF VG-2							
	Logged by D. H. Nicholson and J. S. DeLatre							
	<u>Dip Test: 150' - 90°</u>							



NUMBER	FROM	TO	WIDTH	%CU.
4247	8	13	5	.07
4248	13	23.5	10.5	TR.
4249	23.5	30	6.5	.08
4250	30	40	10	TR.
4251	40	48	8	.05
4252	48	56	8	.07
4222	56	63	7	.06
4223	63	70	7	.07
4224	70	80	10	.08
4225	80	90	10	TR.
4226	90	100	10	.06
4227	100	110	10	.24
4228	110	120	10	.32
4229	120	130	10	.45
4230	130	140	10	.10
4231	140	150	10	.06
4232	150	160	10	TR.
4233	160	170	10	.12
4234	170	180	10	.78
4235	180	190	10	.11
4236	190	200	10	.32
4237	200	210	10	.34
4238	210	220	10	.94
4239	220	230	10	.52
4240	230	240	10	.06
4241	240	250	10	.06
4242	250	260	10	TR.
4243	260	270	10	.06
4244	270	280	10	.06
4245	280	290	10	.09
4246	290	295	5	.06

- 1 DIORITE
- 2 METADIORITE
- 3 ALBITIZED DIORITE

LOCATION 72+45W, 17+90N



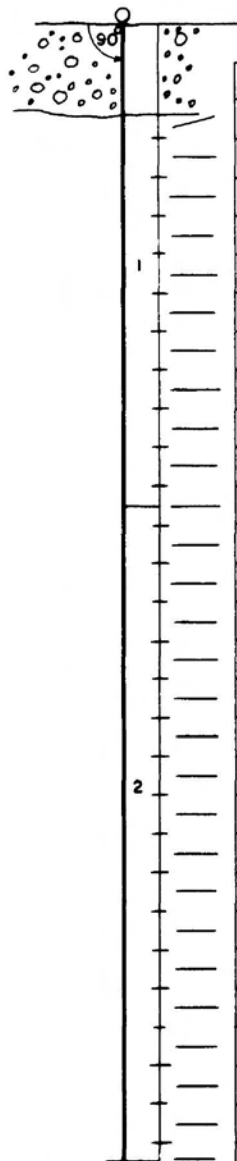
VANCO EXPLORATIONS LTD.

GALAXY OPTION

D.D.H. No. VG-2

DATE: DEC. 1965

SCALE: 1" = 50'



NUMBER	FROM	TO	WIDTH	% CU.
4253	24	30	6	TR.
4254	30	40	10	TR.
4255	40	50	10	.10
4256	50	60	10	TR.
4257	60	70	10	TR.
4258	70	80	10	.06
4259	80	90	10	.08
4260	90	100	10	.08
4261	100	110	10	.12
4262	110	120	10	.06
4263	120	130	10	.19
4264	130	140	10	.64
4265	140	150	10	.72
4266	150	160	10	.72
4267	160	170	10	1.10
4268	170	180	10	.34
4269	180	190	10	TR.
4270	190	200	10	TR.
4271	200	210	10	TR.
4272	210	220	10	TR.
4273	220	230	10	.28
4274	230	240	10	.07
4275	240	250	10	TR.
4276	250	260	10	.20
4277	260	270	10	TR.
4278	270	280	10	TR.
4279	280	290	10	TR.
4280	290	294	4	TR.

1

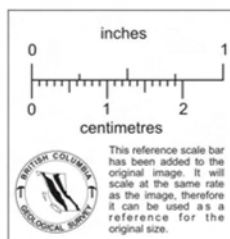
DIORITE

2

METADIORITE

LOCATION
DIP

74 + 20W, 18 + 20N
90° AZIMUTH



VANCO EXPLORATIONS LTD.

GALAXY OPTION

D.D.H. No. VG-3

DATE: DEC. 1965

SCALE: 1" = 50'

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

PROPERTY GALAXY COPPER DEPTH 402' DIP -45° LOCATION 71 + 00 S START Jan. 14, 1966
 HOLE No. VG - 4 COLLAR EL. _____ AZIMUTH 45° 12 + 00 W FINISH Jan. 23, 1966

SECTION		DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
From	To						% Cu	%	%
0'	9'	Overburden.							
9'	58'	DIORITE: Dark grey, massive, fine to medium grained. Hornblende constitutes 30% of rock mass. Moderately chloritized with well developed epidote areas. Calcite occurs as fine fracture fillings and vug fillings. Contains 2% disseminated pyrite with very minor disseminated chalcopryrite and 4% disseminated magnetite.	176	9'	20'	11'	Trace		
			177	20'	30'	10'	0.05		
			178	30'	40'	10'	0.32		
			179	40'	50'	10'	Trace		
			180	50'	60'	10'	0.07		
		53-58: Carbonate Alteration Zone: Highly calcic diorite with bornite staining associated with calcite. Very minor pyrite and 1% disseminated magnetite throughout.							
58'	73'	METADIORITE: Fine to medium grained with aphanitic zones. Unit is brecciated and sheared throughout. Contains 6% magnetite and 1% disseminated pyrite throughout.	181	60'	70'	10'	Trace		
73'	93'	DIORITE: Massive, medium grained partially albitized. Contains minor disseminated pyrite and magnetite.	182	70'	80'	10'	Trace		
		89-93: Sheared and moderately chloritized. Minor pyrite with very minor chalco in sheared planes at 30° to core axis.	183	80'	90'	10'	Trace		

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

PROPERTY GALAXY COPPER DEPTH 402' DIP - 45° LOCATION 71 + 00 S START Jan. 14, 1966
 HOLE No. VG - 4 COLLAR EL. _____ AZIMUTH 45° 12 + 00 W FINISH Jan. 23, 1966

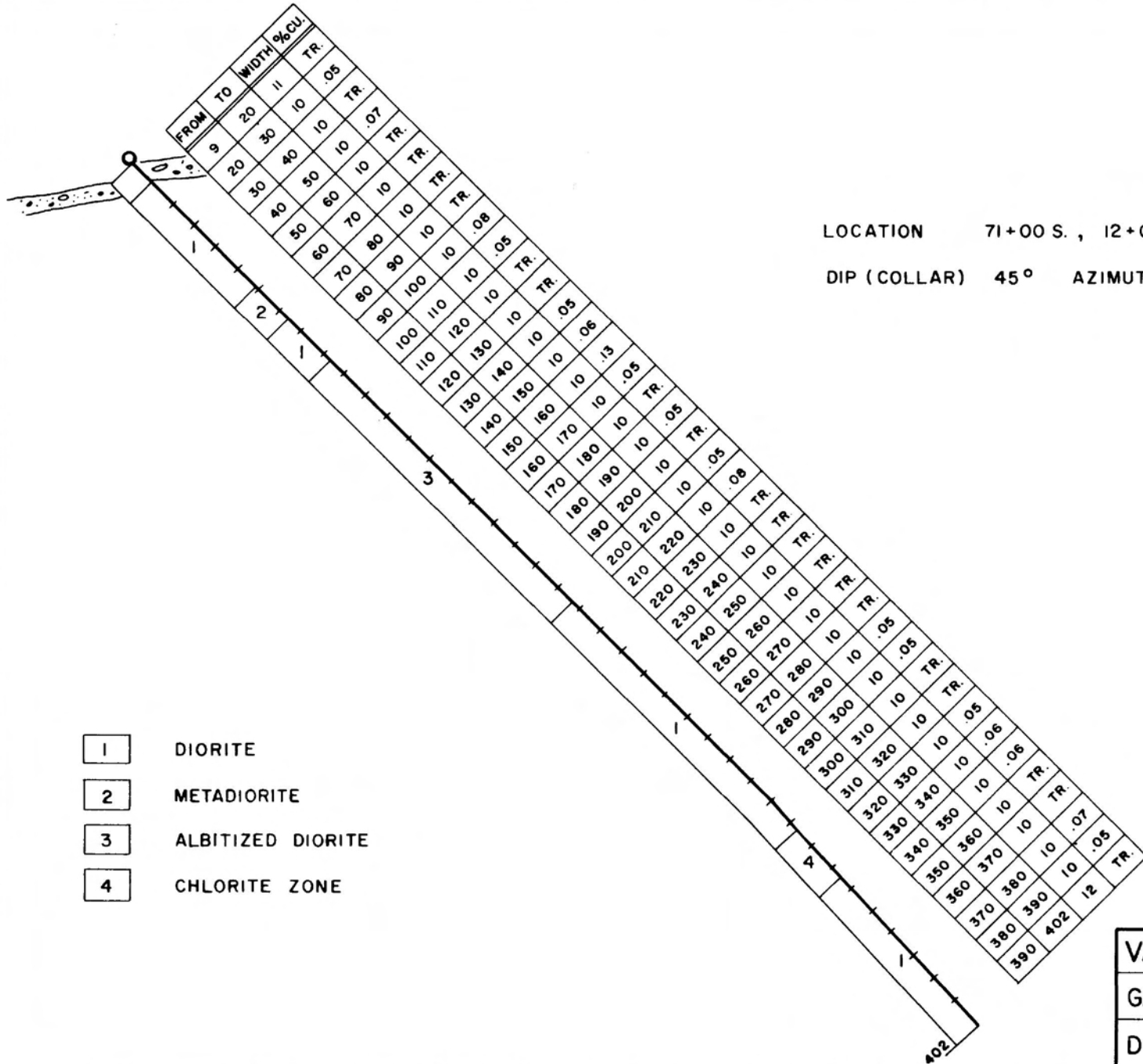
SECTION		DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
From	To						% Cu	%	%
93'	206'	ALBITIZED DIORITE: 93-100: Medium grained, massive, with minor disseminated pyrite throughout. 4" K-feldspar vein at 94'. 100-111: Moderately brocciated 3 to 4% disseminated pyrite with occasional specks of chalcopyrite at 109'. 111-144: Massive, medium grained, chloritic ferromagnesium minerals, composed of 50 to 60% albite and 30 to 40% ferromagnesium minerals. (Hornblende and augite). Contains up to 10% disseminated magnetite. Inclusions of undigested diorite one to four inches in diameter occur throughout. 144-157: As in 111 to 144 but sheared at 45° to core axis. Contains minor disseminated pyrite. 157-206: As in 144 to 157, with minor disseminated pyrite with occasional specks of chalcopyrite.	184 185 186 187 188 189 190 191 192 193 194 195	90' 100' 110' 120' 130' 140' 150' 160' 170' 180' 190' 200'	100' 110' 120' 130' 140' 150' 160' 170' 180' 200' 210'	10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'	0.08 0.05 Trace Trace 0.05 0.06 0.13 0.05 Trace 0.05 Trace 0.05		
206'	312'	DIORITE: Dark, grey, massive, medium grained. Contains conspicuous coarse grained hornblende which is associated with incipient albitization. Small chloritic fractures at 20° to 30° to core axis. Minor epidote alteration throughout. Contains 10% disseminated magnetite and very minor pyrite throughout.	199 200 201 202 203 204 205	240' 250' 260' 270' 280' 290' 300'	250' 260' 270' 280' 290' 300' 310'	10' 10' 10' 10' 10' 10' 10'	Trace Trace Trace Trace 0.05 0.05 Trace		

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

3-3

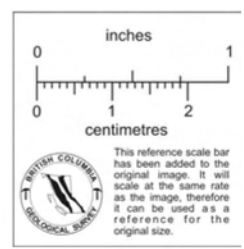
PROPERTY GALAXY COPPER DEPTH 402' DIP - 45° LOCATION 71 + 00 S START Jan. 14, 1966
 HOLE No. VG - 4 COLLAR EL. _____ AZIMUTH 45 12 + 00 W FINISH Jan. 23, 1966

SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
312' - 335'	CHLORITE ZONE: Sheared parallel to core axis. Dark grey green (possibly metadiorite). Heavily chloritized with minor epidote. Contains 4% disseminated magnetite. Core recovery 65%.	206	310'	320'	10'	Trace		
		207	320'	330'	10'	0.05		
		208	330'	340'	10'	0.06		
335' - 402'	DIORITE: Massive, medium grained, dark grey, grading into amphibolite (Greater than 80% hornblende) in small zones. Occasional zones of incipient albitization. Hairline fractures parallel to core axis occur throughout. Unit contains to to 10% disseminated magnetite and very minor pyrite.	209	340'	350'	10'	0.06		
		210	350'	360'	10'	Trace		
		211	360'	370'	10'	Trace		
		212	370'	380'	10'	0.07		
		213	380'	390'	10'	0.05		
		214	390'	402'	12'	Trace		
402'	END OF VG - 4							
	Dip Tests: 200' - 38'							
	400' - 39'							
	Logged by D. H. Nicholson and J. S. DeLatre							

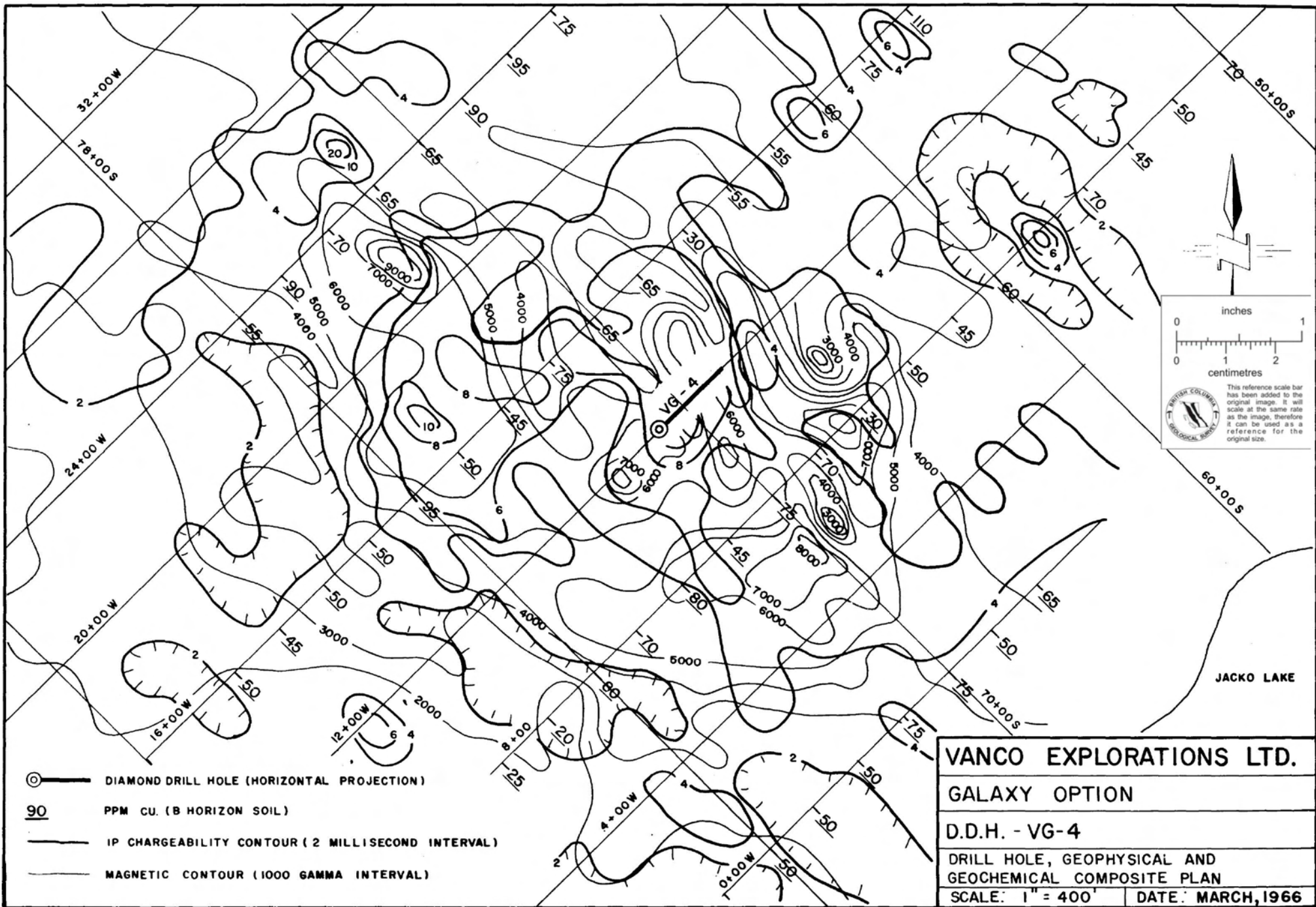


LOCATION 71+00 S. , 12+00 W.
 DIP (COLLAR) 45° AZIMUTH 45°

- 1 DIORITE
- 2 METADIORITE
- 3 ALBITIZED DIORITE
- 4 CHLORITE ZONE



VANCO EXPLORATIONS LTD.
 GALAXY OPTION
 D.D.H. No. VG-4
 DATE: JAN. 1966
 SCALE: 1" = 50'



inches
0 1

centimetres
0 1 2

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

JACKO LAKE

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

1-2

PROPERTY GALAXY OPTION DEPTH 307' DIP - 45° LOCATION 96 + 00 W START Feb. 6, 1966
 HOLE No. VG - 5 COLLAR EL. _____ AZIMUTH 225° 20 + 00 N FINISH Feb. 16, 1966

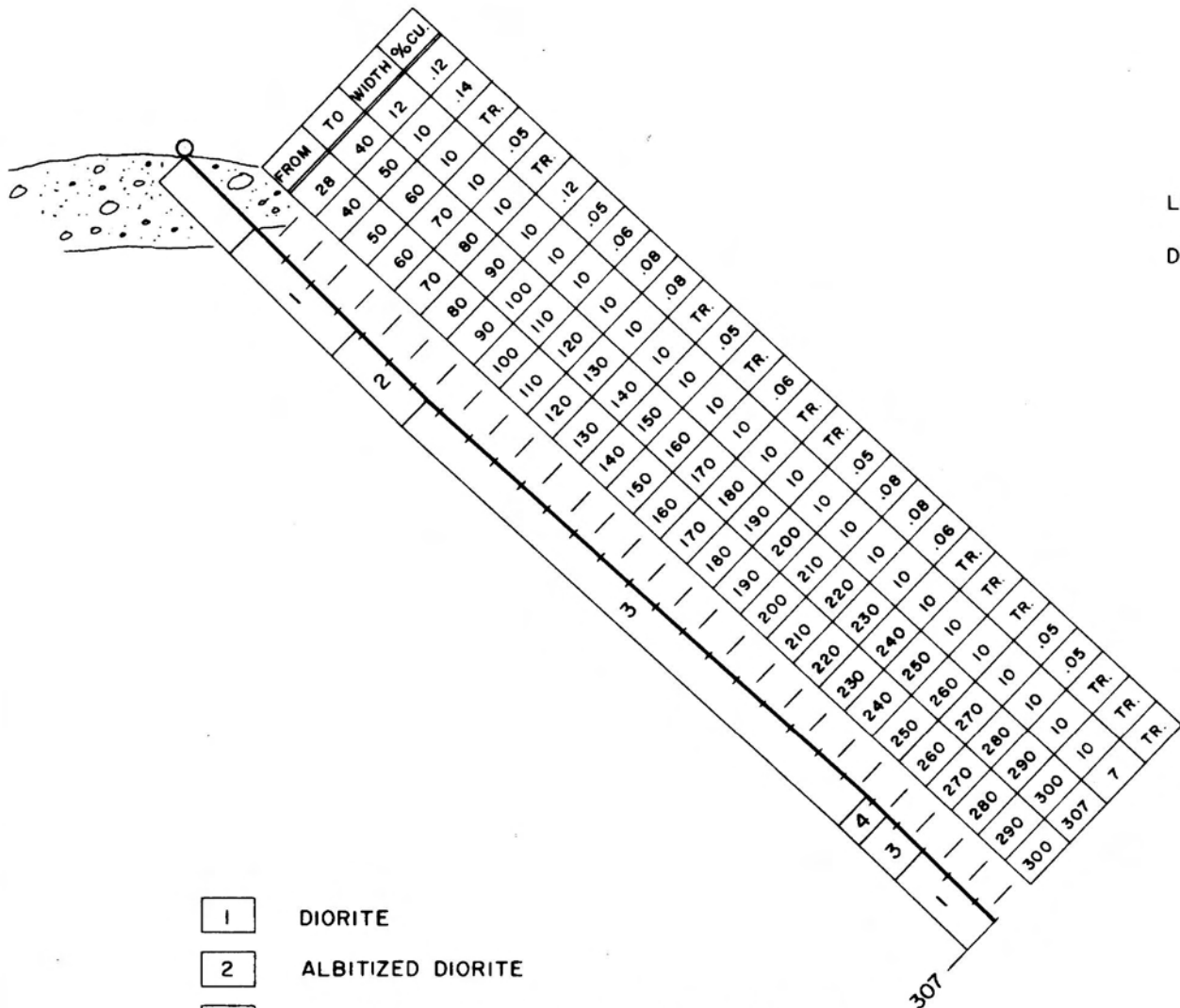
SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						%Cu	%	%
0' - 28'	Overburden.							
28' - 68'	DIORITE: Fine to medium grained, dark grey. Strongly altered epidote and chlorite alteration pronounced with some sericitization of feldspar. Calcite occurs as irregular stringers and blebs. Minor shearing at 10° to core axis. Abundant secondary orthoclase from 44 to 50. Very minor malachite from 28 to 41, as well as hematite and limonite.	348	28'	40'	12'	0.12		
		347	40'	50'	10'	0.14		
		346	50'	60'	10'	Trace		
		345	60'	70'	10'	0.05		
		344	70'	80'	10'	Trace		
		343	80'	90'	10'	0.12		
		342	90'	100'	10'	0.05		
		341	100'	110'	10'	0.06		
		340	110'	120'	10'	0.08		
		339	120'	130'	10'	0.08		
		338	130'	140'	10'	Trace		
68' - 95'	ALBITIZED DIORITE: Moderately albitized diorite cut by albite veins. Contains 3 to 5% hematite and minor calcite veining at 80° to core axis.	337	140'	150'	10'	0.05		
		336	150'	160'	10'	Trace		
		335	160'	170'	10'	0.06		
		334	170'	180'	10'	Trace		
		333	180'	190'	10'	Trace		
95' - 258'	MONZONITE: Medium grained, pale pink to grey containing 25 to 30% K-feldspar, grading into syenite zones of 50% K-feldspar. Contains abundant hematite associated with calcite in thin stringers trending at 45° to core axis. From 124 to 138 weak shearing at 45° to core axis. 246-258: Sheared at 15° to core axis, and contains up to 5% hematite and magnetite.	332	190'	200'	10'	0.05		
		331	200'	210'	10'	0.08		
		330	210'	220'	10'	0.08		
		329	220'	230'	10'	0.06		
		328	230'	240'	10'	Trace		
		327	240'	250'	10'	Trace		
		326	250'	260'	10'	Trace		
258' - 266'	CARBONATE ALTERATION ZONE: Numerous calcite veinlets cutting altered diorite at 80° to core axis.							

VANCO EXPLORATIONS LTD.
DIAMOND DRILL HOLE RECORD

2-2

PROPERTY GALAXY OPTION DEPTH 307' DIP -45° LOCATION 96 + 00 W START Feb. 6, 1966
 HOLE No. VG - 5 COLLAR EL. _____ AZIMUTH 225° 20 + 00 N FINISH Feb. 16, 1966

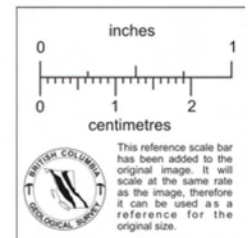
SECTION From To	DESCRIPTION	SAMPLE NUMBER	FROM	TO	WIDTH	ANALYSES		
						% Cu	%	%
266' - 280'	K-FELDSPAR ZONE: Monzonite and syenite cut by a network of calcite and hematite stringers.	325	260'	270'	10'	0.05		
		324	270'	280'	10'	0.05		
		323	280'	290'	10'	Trace		
		322	290'	300'	10'	Trace		
280' - 307'	DIORITE: Pale grey, medium grained cut by calcite and hematite filled fractures.	321	300'	307'	7'	Trace		
307'	END OF VG - 5							
	Dip Tests: 200' - 42° 300' - 44°							
	Logged by D. H. Nicholson and J. S. DeLatre							



LOCATION 196+00 W., 20+00

DIP 45° AZIMUTH 225°

- 1 DIORITE
- 2 ALBITIZED DIORITE
- 3 MONZONITE, SYENITE & K FELDSPAR ALTERATION
- 4 CARBONATE ALTERATION ZONE



VANCO EXPLORATIONS LTD.

GALAXY OPTION

D.D.H. No. VG - 5

DATE: MAR. 1966

SCALE: 1" = 50'