

011310
115-F-15
Dec 31, 1968

DRILL HOLE LOG

DISCOVERY MINES LIMITED

DIP TESTS

Property **Micro Nickel Project**

Hole Number

68-2

At Ft. At **Keldern, Y. T.** Dip **- 52°**

At Ft. Claim No. **Micro 4, Grant 86112** Length **945.0 feet**

At Ft. Working Place **Surface** Bearing **N 31° W**

At Ft. Baseline Footage **10,007.43 E** Elev. Collar **2690**

At Ft. Baseline Offset **9,150.85 N** Horiz. Trace **581.8**

At Ft. Date Started **April 24, 1968** Vert. Trace **744.7**

At Ft. Date Completed **May 18, 1968** Date Logged **May 1968**

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				%Cu	%Ni
0.0	54.0	CASING			
54.0	68.0	LAMINAR ALBITIZED TUFF - Pale grey to greenish, f.g., fine laminar at 60°. Strongly albitized except for some greenish chloritic zones. Weakly silicified. 62.5 - Carb. chl shear at 25° with following 3 feet showing scattered blebs and traces po., py. heaviest at shear. 67.0 - 1' bleached zone with some epidote and a few small garnets.			
68.0	76.6	GREENSTONE - Grey green, f.g., massive, abundant flecks epidote. First 3" very fine grained, chilled contact, gradually changing to typical. Lower contact also seems chilled but only for 1"max			
76.6	87.5	ALBITIZED TUFF - Grey green, f.g., in part laminar but poorly defined. Moderately fractured, some qtz carb filled. Scattered traces po, py. Last 3 feet chloritic, heavily fractured, contact lost. 81.3 - 6" greenstone at 40°.			
87.5	104.4	GREENSTONE - Grey green, f-med. gr., not typical, soft, carbonatized. Abundant qtz carb filled fractures. Scattered minor pyrite, traces po, cpy. 102.5 - A few patches pale brown sphalerite.			

Logged by T. Antoniuk

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
104.4	119.0	<p>FAULT ZONE - In part breccia, core fairly broken. Abundant vuggy quartz stringers. Scattered traces po, py, Zns, spy. Rocks chiefly albitized tuffs but may be in part greenstones as above.</p> <p>110.2 - 1.3 feet chert, black, f.g.</p>			
119.0	153.5	<p>ALBITIZED TUFF - (MASSIVE??) - Grey to grey green, f.g., abundant fractures, strongly albitized and weakly silicified. Core fairly broken. Scattered traces fine disseminated po and py throughout and an occasional trace spy.</p> <p>126.0 - Darker grey, cherty, (1 foot)</p> <p>127.0 - 3' ground core</p> <p>133.0 - 1' ground core</p> <p>135.0 - 139.0 - 2' ground core</p> <p>146.5 - 2.5' darker grey, cherty</p> <p>152.0 - 1.5' quartz carb cemented breccia zone.</p>			
153.5	161.4	<p>MASSIVE ALBITIZED TUFF - Grey, f.g., heavily fractured. Some weak laminar sections. Scattered traces disseminated po, py.</p>			
161.4	168.0	<p>ALBITITE - White to pale grey, massive, almost pure albite. A few scattered darker seams with traces to minor po, py. Section ends with 2" fractured vuggy zone.</p>			
168.0	257.0	<p>MASSIVE ALBITIZED TUFF - Grey to grey green, f.g., abundant fractured, core fairly broken. A number of narrow qtz carb seams are near parallel to core, some containing angular fragments of wall rock. Heterogeneous rock, not typical, may include some mottled.</p> <p>180.0 - 5' ground core</p> <p>189.3 - 1.5' chert?? core badly broken.</p> <p>195.0 - 6" breccia following which core becomes more massive, rapid gradational color changes.</p>			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
168.0	257.0	<p>MASSIVE ALBITIZED TUFF - (Continued)</p> <p>197.0 - 220.0 Small 1/8" clusters fine py scattered throughout. Larger masses generally have some associated po.</p> <p>242.0 - Becoming more heavily fractured again.</p> <p>246 $\bar{+}$ - Possible fault zone. Core badly broken. Seems to be weakly cemented breccia.</p> <p>255.0 - 1.5' ground core.</p>			
257.0	263.5	ALBITITE - White to pale grey, f.g., a few scattered darker seams, abundant fractures, scattered traces py.			
263.5	275.5	<p>MASSIVE ALBITIZED TUFF - Grey green, f.g., abundant fractures. Numerous qtz carb stringers. Gradually becoming darker green, chloritic?</p> <p>274.8 - 2" heavy py in siliceous seam at 70° to core. Traces sphalerite at edges.</p>			
275.5	284.0	<p>FAULT ZONE - Rocks as above moderately to heavily chloritized. Abundant fractures, some qtz filled and many chl lined. Scattered traces po, spg, py.</p> <p>279.5 $\bar{+}$ - Mud filled shearing at 40°, some quartz.</p> <p>Sample: 282.0 - 284.0</p>	633		0.01
284.0	316.4	<p>MASSIVE ALBITIZED TUFF - Grey green, f.-med. gr., in general appears coarser than normal, albitization moderate, some silicification. In part has a dioritic appearance. Possibly weakly chloritic. Scattered traces po, py.</p> <p>308.6 - 1' heavy brown garnets</p> <p>312.4 - 1.5' moderate brown garnets.</p> <p>Samples: 311.0 - 314.0</p> <p>314.0 - 316.4</p>			0.02 0.01

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
3164	332.7	ALBITIZED TUFF - MOTTLED ?? - Heterogenous rock not fitting any previous classification. Weak laminar at 60°, weak mottling in sections, some massive albitite, all gradational into one another. Pale grey - grey - greenish grey - green, f.g., scattered traces very fine po, py, very sparse.			
332.7	353.0	MASSIVE ALBITIZED TUFF - Grey - grey green, f.g., some weak mottling, heavily fractured. Some short sections weakly chloritic. Scattered traces py and occasional trace po. 337.0 - 2' ground core 342.0 - 5' " "			
353.0	372.0	INTERBEDDED ANDESITE AND ALBITIZED TUFF - Tuffs are pale creamy grey, f.g., heavily fractured, strongly albitized. Scattered traces po, py. Andesites are grey green, f.g., massive, moderately to heavily fractured. Weakly albitized in some sections. Contacts generally deformed or weak breccia (?), quartz filled. 353.0 - 353.8 - Andesite 356.7 - 357.4 - Andesite, moderate brown garnets, poorly formed, traces po, opy. 358.3 - 359.1 - Andesite 361.0 - 363.0 - Deformed, shear zone at 15°, chl. 371.0 - Gouge filled shear at 60°.			
372.0	405.6	ANDESITE - Grey green, f.g., deformed, abundant quartz stringers and fracture filling. Weakly albitized in sections with some narrow bands possibly included tuffs. Banding is vague and varies from 50-70°. Last 7 feet moderately chloritic and moderately fractured. Scattered minor traces po, py, opy.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
405.6	468.0	MASSIVE ALBITIZED TUFF * Grey, f.g., hard brittle, heavily fractured, much fine quartz carb filling. Scattered traces py and occasional traces po. 411.0 - 4" Andesite, as above, v.f.g. 416.5 - 418.0 - Heavily chloritic andesite, v.f.g.			
		Samples: 424.0 - 428.0	636		Tr
		428.0 - 431.5	637		Tr
		439.5 - 440.5 - Core badly broken, fragments minly argillite.			
		448.0 - 6" Argillite, black, v.f.g.			
		451.2 - 3" "			
		458.0 - 462.0 - Fault zone. Sheared and deformed, some mud. Core badly broken. Trend of shearing seems to be 50°.			
		462.0 - 468.0 - Vague mottling.			
468.0	475.5	DEFORMED ZONE - ANDESITE ?? - Grey green, f.g., chloritic, abundant quartz fracture filling and stringers following deformation. A few fine seams po and traces py generally following deformation.			
475.5	499.0	ANDESITE - Grey green, f.g., weak albitization. Some short sections may be tuff. In part badly broken. Numerous quartz stringers. 494.0 - 499.0 - Fault zone, abundant chl slips, 50% recovery. 495.0 - 2' ground core.			
99.0	514.3	MASSIVE ALBITIZED TUFF - Grey - grey green, f.g. not typical, may be an albitized phase of above andesite. Abundant fractures and quartz stringers. Section ends with 1" quartz at 30°.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
514.3	546.8	MOTTLED ALBITIZED TUFF - Grey green with pale purple mottles up to $\frac{1}{2}$ " , typical. First 5 feet heavily fractured and carbonatized. Scattered blebs and disseminated po, epy, traces py. Samples: 519.5-522.0 522.0 - 526.0 526.0 - 529.0 529.0 - 533.0 533.0 - 536.0 536.0 - 539.5 539.5 - 543.0 543.0 - 546.8	638 639 640 641 642 643 644 645		0.08 0.14 Tr 0.12 Tr Tr 0.08 Tr
546.8	561.0	MASSIVE ALBITIZED TUFF - Pale grey - pale brown, almost albitite, heavily fractured. First foot moderately chloritic and contains 6" heavy po, minor py, traces epy.	646		2.14
561.0	570.6	ANDESITE - Grey green, f.g., weakly chloritic, abundant fractures and quartz stringers.			
570.6	576.7	ALBITITE - Grey, glassy, massive, albitized tuff, heavily fractured.			
576.7	584.5	ANDESITE - Grey green, f.g., massive, weak albitization.			
584.5	656.0	ALBITITE - Grey - greenish, massive, glassy, hard, brittle. Abundant fractures. Occasional scattered traces po. 614 - 621.5 - Heavily fractured, some breccia filled shearing at 15° to core. 645.0 - 650.0 - Darker grey with flecks of chloritic material scattered throughout. Traces py & epy and one fine seam at 10° lined with epy.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
656.0	696.0	MOTTLED ALBITIZED TUFF (??) - Grey green, med. gr., not typical. Coarser grained than normal and mottling not as far advanced. Some sections resemble a syenite. Alteration erratic, possibly dependent on grain size of original tuff. Start of section badly broken but appears to be gradational. Gradual change to brownish with green chloritic (??) mottles up to 3/8". Scattered traces py, po. Gradational change back to more typical albitized tuffs.			
696.0	712.8	LAMINAR ALBITIZED TUFF - Bands up to 18", grey green, f.g., in part mottled, moderately fractured. Banding at 55° ?? Scattered bands contain minor po and/or py epy, traces py. Samples: 689.5 - 700.5 703.5 - 706.5 709.5 - 711.0	647 648 649	0.67 Tr	Tr 0.33 Tr
712.8	739.2	ALBITIZED TUFF - In part mottled. Grey-greenish-pinkish - dark grey. In part may have been a coarse agglomerate. All strongly albitized so that features vague.			
739.2	749.1	GREENSTONE - Andesite?? - Grey green, f.g., massive. Upper contact lost and lower contact irregular. Scattered minor disseminated pyrrhotite. Representative sample of best section: 740.0 - 743.0	650		Tr
749.1	761.5	DEFORMED LAMINAR ALBITIZED TUFF - White-various shades of green-grey, f.g., some fine laminar to bands up to 4". Weakly to moderately mineralized with po & traces py, epy. Samples: 749.1 - 753.5 753.5 - 758.0 758.0 - 761.5	651 652 653		Tr Tr 0.01

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				%Cu	%Ni
761.5	819.5	MOTTLED ALBITIZED TUFF - MINERALIZED - Silicified, grey-green, f.g., mottles brownish to purple, generally smaller than 1/4" but occasionally up to 1/2". Some vfg albitite bands, possibly laminar. Mineralization erratic over first 20 feet then becomes moderate to heavy, mainly po but some epy and traces sp py. Deformed, numerous slips show small displacement. 779.2 - fine mud seam at 60°.			
		Samples: 770.5 - 773.0	654		0.08
		779.2 - 784.0	655	0.78	Tr
		784.0 - 787.0	656	1.50	0.14
		787.0 - 790.0	657	0.51	Tr
		790.0 - 793.5	658	0.15	Tr
		793.5 - 797.0	659	0.19	Tr
		797.0 - 800.0	660	0.28	0.07
		800.0 - 803.0	661	0.17	0.05
		803.0 - 807.0	662	0.12	Tr
		807.0 - 811.0	663	0.29	Tr
		811.0 - 815.0	664	0.27	Tr
		815.0 - 819.5	665	0.28	Tr
819.5	848.0	FINE LAMINAR ALBITIZED TUFF - Some interbedded chert. Grey green, predominantly fine grained tuffs and black v.f.g. chert. Banding at 55°. Tuffs are weakly mineralized with po in coarser bands and po follows fractures in finer bands. Traces epy. 821.0 - 821.6 Fine laminar chert, black and grey. 823.7 - 824.3 " " " " " " 834.7 - 836.0 " " " " " "			
		Sample: 831.5 - 834.7	666		Tr
848.0	861.5	MOTTLED ALBITIZED TUFF - Grey green with purplish mottles. Not typical. Weakly to moderately mineralized with po and traces epy. Heavily fractured, weakly chloritized and silicified.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
848.0	861.5	MOTTLED ALBITIZED TUFF - (Continued) -			
		Samples: 848.0 - 852.0	667	0.13	Tr
		852.0 - 856.0	668	0.07	Tr
		856.0 - 860.0	669	0.13	Tr
		860.0 - 864.0	670	0.07	Tr
861.5	922.5	LAMINAR ALBITIZED TUFF - Grey green of various shades. Bands up to 2" at 55° with some sections weakly deformed. Weakly mineralized with po and traces epy. Varying degrees of albitization seemingly dependent on grain size, finer grained more highly albitized. X-ray Mineralization follows banding or fractures.			
		Samples: 864.0 - 869.0	671	0.03	Tr
		869.0 - 874.0	672		Tr
		874.0 - 878.0	673	0.03	Tr
		878.0 - 882.0	674		Tr
		882.0 - 886.0	675		Tr
		886.0 - 890.0	676		Tr
		890.0 - 894.0	677		Tr
		894.0 - 898.0	678		Tr
		898.0 - 902.0	679	Tr	Tr
		902.0 - 906.0	680	0.03	Tr
		906.0 - 910.0	681	0.06	Tr
		910.0 - 915.0 (1.0' lost core)	682	0.19	Tr
		915.0 - 919.0	683	0.09	0.03
		919.0 - 922.5	684	0.15	Tr
922.5	940.3	DEFORMED ZONE (FAULT?) - Grey green, f.g., chloritic. Abundant quartz carbonate filaments following deformation. Relatively soft. Weakly albitized. Scattered minor po and traces epy, py. Last five feet badly broken and seems more strongly chloritic.			
		Samples: 922.5 - 926.5	685		Tr
		926.5 - 930.5	686		Tr
		930.5 - 934.0	687	0.43	Tr

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115-F-15

DRILL HOLE LOG

DISCOVERY MINES LIMITED

68-3

DIP TESTS

At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.

Property Micro Nickel Project
 At Koidern, Y. T.
 Claim No. Micro 5, Grant 86114
 Working Place Surface
 Baseline Footage 9,761.17 E
 Baseline Offset 8,086.84 N
 Date Started May 22, 1968
 Date Completed May 29, 1968

Hole Number
 Dip -50°
 Length 360.0'
 Bearing S 12° E
 Elev. Collar 2692.33'
 Horiz. Trace 231.4'
 Vert. Trace 275.8'
 Date Logged May, 1968

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni.
0.0	63.0	CASING.			
63.0	67.0	DIORITE - Possibly a boulder, only 2' of broken core recovered. Grey, med.gr., massive, a few quartz carbonate stringers.			
67.0	165.0 ±	PERIDOTITE - SERPENTINIZED - Dark green to black, f-med.gr., weakly sheared and serpentized. No attitudes could be determined. Scattered traces py, po, mag. Could be a dunite as rock primarily olivine, some biotite. 83.0 - Heavily deformed. Fault Zone ?? 92.0 - 2.5' lost core. 98.5 - 1.5' 80% white feldspars ?? 104.0 - 107.5 ± Coarse grained, apparent rapid gradational contact at 15°. Core broken. 107.5 ± - 165.0 ±. Core badly broken. Rocks seem to be becoming darker, less feldspars.			
165.0 ±	183.0 ±	FAULT ZONE - Soft gouge material. Prominent individual small olivine grains (1/8") in soft pale bluish groundmass. Traces po, py, mag. Weakly magnetic. Some short sections fairly solid peridotite as above. Changes to abundant serpentized slips towards end.			

Logged by T. Antoniuk

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni.
183.0	324.0 ⁺	PERIDOTITE - Black-dark green, f-med.gr., badly broken core, abundant serpentized slip faces. Some short soft gangy sections, as above. Apparent gradual increase in interstitial sulphide content but still very minor. 186.5 - 6" Dyke, pale grey, f.g., (granite ??) 211.0 - 4' lost core. Sample: 263.0-266.0 - 1% sulphides, dimethyl negative. 275.0-277 ⁺ Fine grained grey dyke. Sample: 295.0-297.0 Gradual increase in feldspar over last 10 feet and decrease in sulphides.	690	0.30	
324.0	330.0 ⁺	FINE GRAINED DYKE - Pale whitish grey green, f.g., contacts lost. (Granite ??)			
330.0	360.0	PERIDOTITE - Black to dark green, f-med.gr., massive, serpentized. Light colored feldspars more abundant than above. Scattered minor interstitial po, py. Sample: 353.0-356.0	692	0.41	
	360.0	END OF HOLE.			

091316

DRILL HOLE LOG

DISCOVERY MINES LIMITED

68-4

DIP TESTS

Property	Micro Nickel Project	Hole Number
At	Koldern, Yukon	Dip
At	Claim No. Micro 11, Grant 86368	Length
At	Working Place Surface	Bearing
At	Baseline Footage 12,141.16'	Elev. Collar
At	Baseline Offset 8,439.73 N	Horiz. Trace
At	Date Started June 9, 1968	Vert. Trace
	Date Completed June 26, 1968	Date Logged

68-4

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
0.0	17.0	CASING			
17.0	49.4	INTERBEDDED CHERT & ALBITIZED TUFF - Chert is dark grey to black, v.f.g., moderately fractured with quartz carbonate filling. Albitized tuffs are light to dark grey, f.g., cherty, in part laminar at 65°. Scattered traces po. with some concentrations in slightly coarser bands. Albitization is weak. Some vaguely mottled sections but not typical. First 4 feet badly broken, surfaces oxidized, may include some boulders. Changes from chert to tuff poorly defined, broken, but chert bands seem to be 4" to 8" in width. Sample: 27.0 - 31.0	693		Tr.
49.4	54.0 [±]	CHERT - Black, f.g., abundant quartz carbonate filled fractures. Last foot badly broken.			
54.0 [±]	64.0	LOST CORE - 2' of pebbles recovered, mixed chert and albitized tuff, grey - black.			
64.0	68.0	ALBITIZED TUFF - Grey to whitish, laminar at 50°. Only 2' of core recovered. Traces po. py.			

Logged by T. Antoniuk

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
68.0	98.0	<p>FAULT ZONE - Heavily sheared albitized tuffs, grey, f.g. Core badly broken.</p> <p>71.0 - 3' gouge zone.</p> <p>82.0 - 5' " "</p> <p>88.0 - 96.0 Breccia zone, cemented with quartz.</p> <p>96.0 - 98.0 Core seems to be becoming less fractured.</p>			
98.0	112.0	<p>GREYWACKE - Grey - grey green, f.g., strongly resembles some coarser tuffs and in part may be a quartzite. Moderately fractured with quartz carbonate filling. Scattered disseminated po, py and traces cpy. A few narrow bands contain up to 3% sulphides.</p> <p>Sample: 98.0 - 101.0</p>	694		Tr.
112.0	114.0	LOST CORE			
114.0	131 ±	<p>MASSIVE ALBITIZED TUFF - Grey - grey green, f.g., in part laminar at 60°. A few cherty sections and a few bands may be greywacke as above. Traces po. and py.</p> <p>124.0 - 131.0 Heavily fractured with abundant quartz carbonate filling.</p>			
131 ±	161.5	<p>GREYWACKE - Various shades of grey to pale grey green, f-med. gr., as at 98.0. Albitized. Scattered minor disseminated pyrrhotite, pyrite and traces of chalcopyrite. Vague banding at 60°.</p> <p>140.6 - 4" coarse grained band with minor po.</p> <p>146.0 - 151.0 - 2' lost core, remainder badly broken.</p> <p>About 50% of fragments are black chert.</p> <p>One 2" piece of core is 20% po in albitized cherty tuff.</p> <p>151.0 - 156.2 - Medium grained section, vaguely banded at 60°, minor po & py. Albitized.</p> <p>156.2 - 161.5. May be an albitized tuff slightly coarser than normal.</p>			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni.
161.5	173.2	BANDED CHERT & CHERTY TUFF - No distinct contacts, not laminar, more like one single bed containing lenses of different composition. Black - dark grey - pale grey, f.g., Scattered traces py, po.			
173.2	239.7	CHERT PEBBLE CONGLOMERATE - Basically a greywacke with abundant small grains and some boulders of chert. Greywacke is grey, mottled appearance, f-med.gr., 70% rounded grains of quartz (?). Scattered traces of po, py, cpy. The chert is black, v.f.g., dense, hard.			
		173.2 - 222.3 Greywacke.			
		222.3 - 223.8 Chert, upper contact sharp at 80°.			
		223.8 - 225.5 Greywacke.			
		225.5 - 229.4 Chert, vague banding at 70°. One ½" band of heavy po in greywacke.			
		229.4 - 230.4 Greywacke.			
		230.4 - 231.2 Chert, upper contact at 50°, lower at 30°.			
		231.2 - 236.4 Greywacke.			
		232.0 - 2" Chert.			
		232.8 - 4" Cherty tuff.			
		233.1 - 3" " "			
		234.3 - 4" Moderate pyrrhotite.			
		236.4 - 239.7 Chert, contains many patches of greywacke, usually with moderate po, py.			
		238.0 - 6" greywacke, ½" heavy po. traces py cpy.			
239.7	240.0	LAMINAR ALBITIZED TUFF - MINERALIZED - Grey Green, f.g., cherty, laminar at 30° to core, contains a ½" band with heavy po.			
		Sample: 239.7 - 243.5'	695		Tr.
240.0	268.8	GRANODIORITE - Grey Green, med.gr., massive, siliceous, albitized (?). Resembles greywacke above but much less quartz and does not show rounded grains characteristics although grains altered and indistinct. Scattered traces po, py, cpy.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
268.8	275.0	CHERT - Black to gray, v.f.g., laminar at 60°. May include some fine bands of tuff.			
275.0	284.0	ALBITIZED TUFF - Cherty, gray, f.g., laminar at 60° in sections. May include some chert bands.			
284.0	295.0	MOTTLED ALBITIZED GREYWACKE OR TUFF?? - Resembles greywacke above with pale whitish mottles up to 1/4". Not typical. Grey green, f.g. Scattered traces to minor po, py.			
295.0	300.5	ALBITIZED CHERTY TUFF - Grey f.g. laminar at 60°. Core badly broken. May contain some coarser tuffs or greywacke.			
300.5	325.0	ALBITIZED TUFF - Grey green, f.g., interbedded fine & coarse bands at 60°. Bands from 2" to 3" in width, some may be greywacke.			
325.0	328.4	FAULT ZONE - Deformed, bleached rock, probably tuff. Abundant quartz carb filled fractures.			
328.4	388.4	CHERTY TUFFS - Grey green to brownish, some fine laminar, some coarser bands of greenish tuffs or greywackes. Bands generally less than 4" at 60° to core. Weakly albitized. 344.5 - 350.0 Contains 6 bands 4"-6" of fine pebble conglomerate. 350.0 - 398.2 Bands of pebble conglomerate becoming more common.			
388.4	393.3	PEBBLE CONGLOMERATE - Brownish grey, in some ways resembles greywacke above but with less quartz and definite rounded chert pebbles elongated along bedding at 60°. 390.3 - 391.6 Greenish, no chert pebbles, may be an agglomerate. Lower contact gradational into next section.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
393.3	423.5	<p>PEBBLE CONGLOMERATE - Grey green, med.gr. Pebbles generally less than 1/4" but some up to 1". Most pebbles are greenstones or tuffs, some quartz. Scattered traces and small patches po. Some interbedded tuffs and agglomerate??.</p> <p>411.0 - 415.0 Laminar zone, f.g., tuffs, some conglomerate and some fragmental, at 50°.</p> <p>417.5 - 418.1 - Tuffs and fragmentals, 2" moderate disseminated pyrrhotite.</p> <p>419.4 - 419.9 - Andesite ?? or f.g. tuff.</p> <p>423.5 Sharp lower contact at 60°.</p> <p>Sample: 418.5 - 421.0</p>	712		Tr.
423.5	472. [±]	<p>SEDIMENTS - Interbedded tuffs, greywacke and some pebble conglomerate. Pale grey to brownish with occasional greenish grey sections. Banding at 60°, from fine laminar to 2' widths. Some albitization but not prominent. Greenish and conglomerate sections generally contain traces pyrrhotite. Some tuff bands show weak mottling, not typical.</p>			
472. [±]	519.0	<p>PEBBLE CONGLOMERATE - Grey Green, pebble up to 1". Primarily tuffs and greenstone (??), quartz and some chert. At 60°.</p> <p>Last 20 feet relatively coarse. Scattered diss. po, py and traces ZnS.</p> <p>480.2 - 1/4" chlorite shear at 30°.</p> <p>Sample: 482.4 - 484.4 minor po, traces py, ZnS</p> <p>504.0 - Possible shear zone 1' chloritic fragments recovered.</p>	713		Tr.
519.0	545.4	<p>INTERBEDDED GREYWACKE, TUFF, AND CONGLOMERATE; Brownish to grey green. Some tuffs fine laminar. Conglomerate generally fine pebbles. Scattered traces pyrrhotite throughout.</p>			
545.4	590.8	<p>PEBBLE CONGLOMERATE - Greenish grey, relatively coarser in to above. Many pebbles greater than 1/4" and up to 2". Most of pebbles seem to be tuffs, albitized ??</p> <p>554.8 - 555.6 Fine grained greenish tuff ?? at 60°</p>			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
545.4	590.8	PEBBLE CONGLOMERATE - (Continued)			
		555.6 - 3" chloritic zone, heavy po.			
		557.5 - 559.4 Fine pebbles, minor diss. po.			
		Samples: 555.4 - 556.4	714		Tr.
		557.4 - 559.4.	715		Tr.
		564.0 - 6" fine grained andesite? at 60°.			
		574.0 - 576.5 Numerous bands fine laminar tuffs or andesite?? sedimentary?			
		582.7 - 1/4" massive po & minor opy. at 30°.			
590.8	592.5	TUFF & FRAGMENTAL - Grey, f.g., may include some fine conglomeration or greywacke. A few fine black seams at 60° may be chert.			
592.5	593.3	DEFORMED PEBBLE CONGLOMERATE - Grey green, deformed, albitized conglomerate as above.			
593.3	594.3	FRAGMENTAL (Conglomerate ??) - Pale grey, weakly banded, albitized, nondescript rock. Probably tuffaceous fragmental.			
594.3	595.2	FAULT ZONE - Deformed pebble conglomerate. Quartz carbonate filled shearing at 20°, chlorite on slip faces.			
595.2	634.8	DEFORMED PEBBLE CONGLOMERATE. Grey green, f-med.gr., deformed and contorted, many chloritic sections. Weak albitization. A few narrow bands and seams chert and tuff. Scattered po and py mineralization, best in chloritic sections.			
		602.6 - 1" chert at 60°.			
		603.4 - 1/2" chert at 60° cut by 1/2" quartz at 40° in the opposite direction.			
		605.5 - 2' pale grey very fine conglomerate.			
		SAMPLES: 597.4 - 600.0	716		Tr.
		600.0 - 602.6	717		Tr.
		602.6 - 604.6	718		Tr.
		609.5 - 612.5 Chloritic	719		Tr.
		621.0 - 623.6 " 2% po.	720		Tr.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				% Cu	% Ni
634.8	663.4	PEBBLE CONGLOMERATE - Grey green, f.g., majority of pebbles less than 1/4". Scattered traces po & ZnS throughout. 651.0 - 6" grey, f.g., tuff at 50°. Sample: 651.5 - 650.0 654.0 - 657.5 657.5 - 660.5	721 722 723		Tr. Tr. Tr.
663.4	667.7	CHERT - Black, f.g., dense, hard, may include some cherty tuff bands. Core fairly broken. 665.3 - 1" quartz seam, vuggy, at 70°. 665.4 - To end of section heavily deformed, abundant quartz carbonate filaments.			
667.7	669.0	FAULT ZONE - Chloritic sheared tuffs, deformed. Core badly broken. Carbonatised. May have been a pebble conglomerate.			
669.0	714.5	INTERBEDDED TUFF & CHERT - Tuffs are grey green, f.g., weakly chloritic and weakly albitised. Traces to minor pyrrhotite. Cherts are black to grey, v.f.g., hard, brittle. 669.0 - 679.5 - Primarily tuff. 679.5 - 683.0 - " chert. 680.6 - 6" contains scattered 1/8" cubes of pyrite. 683.0 - 686.0 - Lost core. 686.0 - 689 ⁺ - Pebble conglomerate, dark grey, not typical, pebbles less than 1/8". 689 ⁺ - 690.0 - Chert, 4" quartz cemented breccia. 690.0 - 691.2 - Tuffs & 4" pebble conglomerate at 60°. 691.2 - 691.9 - Chert, scattered pyrite cubes. 691.9 - 692.4 - Greenish coarse tuff, mod. po, trace py. 692.4 - 696.3 - Chert, black to grey. 696.3 - 702.5 - Tuff, heavily fractured. Minor po & py in fractures, chloritic slip faces. 702.5 - 711.5 - Chert. 711.5 - 714.5 - Pebble conglomerate, grey, traces po & py.			

