DIAMOND DRILLING

010

TOWNSHIP: Hyndman

REPORT NO: 13

WORK PERFORMED FOR: Alexander Glatz

RECORDED HOLDER: SAME AS ABOVE [ ]

: OTHER [X] Teck Explorations Ltd.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
K 533290	PH-1	255.4'	Sept/84	(1) (2)
	PH-2	215.8'	Sept/84	(1) "
	PH-3	225.4'	Sept/84	(1) "
K 533405	PH-4	333.2'	Sept/84	(1) "
K 590314	PH-5	215.4'	Sept/84	(1) "
	PH-6	225.4'	Sept/84	(1) "
	PH-7	151.3'	Sept/84	(1) "
	PH-8	151.7'	Sept/84	(1) "
K 733131	PH-9	303.8'	Sept/84	(1) "
K 733139	PH-10	294'	Sept/84	(1) "

NOTES: (1) #151-85

(2) Submitted under OMEP, OM84-3-P-188

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-1
Sheet 1 of 4

Job 1424 N.T.S. 52F/9	Objective Test Pidgeon Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 1300 feet	At Collar: Dip -50°, Azimuth 055°
Location: Line 51+90N		Casing Lost Nil	255.4': -42.5°
Station 20+35W	Commenced September 3/84		
Elevation	Completed September 5/84	Core Size BQ	
Logged W. Penno	Length 255.4 feet		

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays: Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	8.2		Casing								
8.2	154.2	GRANODIORITE/TONALITE	White with green and black specks. Fine to medium grained hypidiomorphic granular. Massive with occasional foliated zones due to shearing. Composed of 30-40% white, fine grained, euhedral to anhedral feldspar (plagioclase ± K-feldspar); 25-35% grey anhedral quartz including 1-2% fine to medium grained blue quartz eyes; 10-15% anhedral to subhedral green amphibole (hornblende) ± chlorite and 10-12% euhedral to subhedral black biotite. Slightly calcareous, becoming more calcareous in shear zones. Unit cut by occasional quartz veins and mafic dykes.								
			66.0-69.4 - Sheared and altered (bleached and silicified) granodiorite with 2-4% fine to medium grained euhedral disseminated pyrite.	B3063	66.0	69.4	3.4	Trace			
				B3064	69.4	73.5	4.1	0.004			
			73.5-76.0 - Sheared and silicified granodiorite with 7-10% disseminated pyrite. Contains thin (<1/4") quartz veins and augen parallel to subparallel to foliation at 50-60° to core axis.	B3065	73.5	76.0	2.5	0.025			

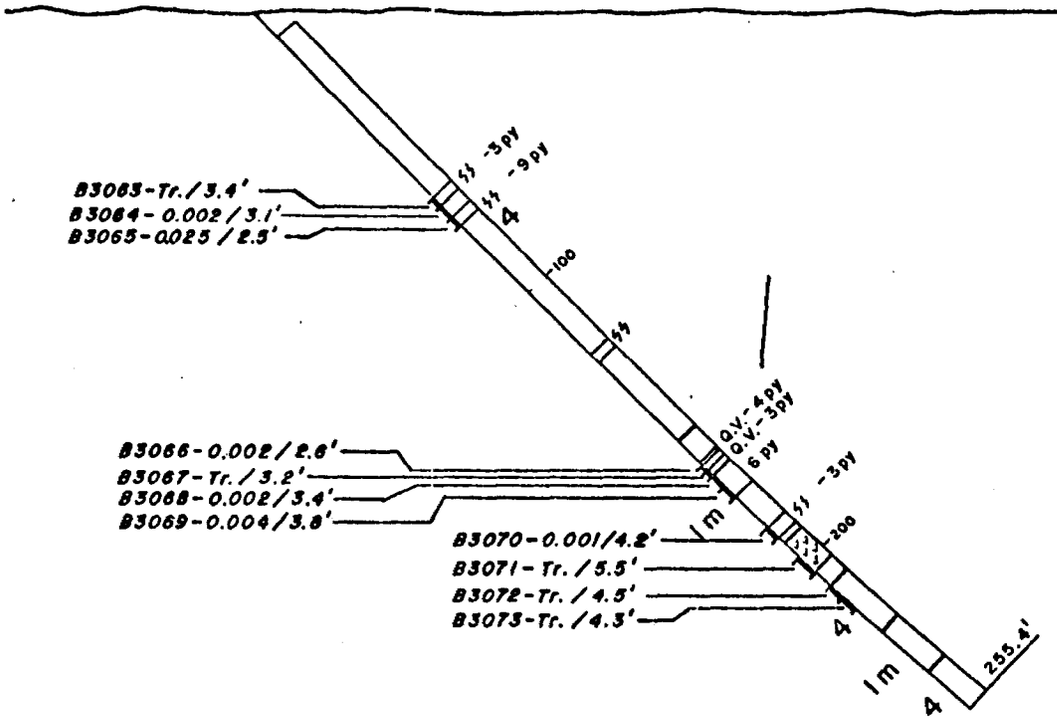
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			87.0-88.8 - Porphyritic mafic dyke. Dark green, fine to medium grained, subhedral to anhedral amphibole phenocrysts and euhedral plagioclase laths in a dark green, fine grained to aphanitic groundmass. Mafic phenocrysts aligned parallel to contacts at 45-50° to core axis.									
			92.1-92.8 - Porphyritic mafic dyke. Similar to 87.0-88.0, slightly foliated and/or sheared.									
			122.1-125.8 - Sheared granodiorite, slightly more mafic with 20-25% fine grained biotite parallel to foliation.									
154.2	192.2	MAFIC VOLCANIC	Dark green, fine to coarse grained, foliated. Upper 5 feet of unit composed of coarse grained amphibole crystals, slightly foliated, wrapped by fine grained chlorite and biotite. Bulk of unit composed of fine grained chlorite and biotite with lesser amounts of feldspar and quartz. Contacts sharp. Foliation strong at 50° to core axis.									
			162.3-163.4 - Quartz vein with 3-5% fine grained disseminated pyrite associated with bleached and silicified mafic volcanic (?) inclusions. Contacts irregular and at 50° to core axis.	B3066	161.8	164.4	2.6	0.002				
			163.4-164.4 - Bleached and silicified mafic volcanic (?).									
			164.4-167.6 - Quartz vein with 2-3% fine to coarse grained pyrite, generally associated with bleached and silicified mafic volcanic (?) inclusions.	B3067	164.4	167.6	3.2	Trace				
			167.6-174.7 - Slightly bleached and altered mafic volcanic with occasional quartz lenses up to 2-1/2" wide. Zone contains 5-7% disseminated pyrite.	B3068 B3069	167.6 171.0	171.0 174.8	3.4 3.8	0.002 0.004				

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			186.2-190.4 - Strongly laminated and foliated zone with abundant quartz and feldspar augen and lenses parallel to foliation at 45-50° to core axis. Contains 2-3% fine to medium grained disseminated pyrite associated with most strongly laminated zone.	B3070	186.2	190.4	4.2	0.001				
192.2	203.1	ALTERED GRANODIORITE (?)	Light grey, fine grained, composed of 20-25% pink to brown euhedral to subhedral K-feldspar (?), 20-25% euhedral to anhedral plagioclase, some altered to epidote, 25-30% grey anhedral quartz, 7-10% fine grained black biotite and 3-5% dark green amphibole (hornblende) phenocrysts and/or inclusions. Unit contains 1-2% fine grained disseminated pyrite. Similar to 8.2-154.2. May be altered part of the same batholith. Contacts sharp and at 45-50° to core axis.									
			197.6-203.1 - Slightly more bleached and altered (silicified) granodiorite. Less mafic. Lacks amphibole phenocrysts and/or inclusions.	B3071	197.6	203.1	5.5	Trace				
203.1	208.6	MAFIC VOLCANIC	Dark green, massive to slightly foliated, composed of medium to coarse grained amphibole crystals, now altered largely to chlorite.									
208.6	226.0	ALTERED MAFIC VOLCANIC (?)	Medium grey, fine grained with distinct subhedral plagioclase phenocrysts (?) up to 1/8" in size. Contains narrow chloritic bands up to 3/8" wide. Upper contact gradational - lower contact sharp. May be an altered mafic volcanic (?).	B3072	208.1	212.6	4.5	Trace				
			216.8-226.0 - Similar to 208.6-216.8. Coarser grained, more massive, less foliated. May be slightly less altered form of unit immediately above.	B3073	212.6	216.8	4.2	Trace				

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays
			219.1-219.4 - Porphyritic mafic dyke. Same as 87.0-88.8. 219.5-220.4 - Sheared and deformed mafic dyke(?). Dark green, fine grained with center of unit isoclinally folded and altered to chlorite with thin "wisps" of biotite and minor amounts of quartz and feldspar. Deformation resembles drag folding.					Au oz/ton | Ag oz/ton | Cu ppm | Zn ppm
226.0	241.7	MAFIC VOLCANIC	Same as 203.1-208.1. 230.9-233.1 - Fault zone.					
241.7	255.4	GRANODIORITE	Similar to 8.2-154.2 with numerous mafic volcanic inclusions up to 3 inches in size.					
255.4		END OF HOLE						

Lat. 51+90 N
Dep. 20+35 W
Az. 055°

DDH PH-1 (-50°)



B3073-Tr./4.2' - Sample number - Au. oz./ton / Length in feet

LEGEND

✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⫽	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY
Vertical Section
DDH PH-1

1" = 50'

Sept 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-2
Sheet 1 of 2

Job 1424 N.T.S. 52F/9	Objective Test Pidgeon Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 2000 feet	At Collar: Dip -50°, Azimuth 090°
Location: Line 44+65N		Casing Lost Nil	215.8': -45.5°
Station 25+40W	Commenced September 5/84		
Elevation	Completed September 7/84	Core Size BQ	
Logged W. Penno	Length 215.8 feet		

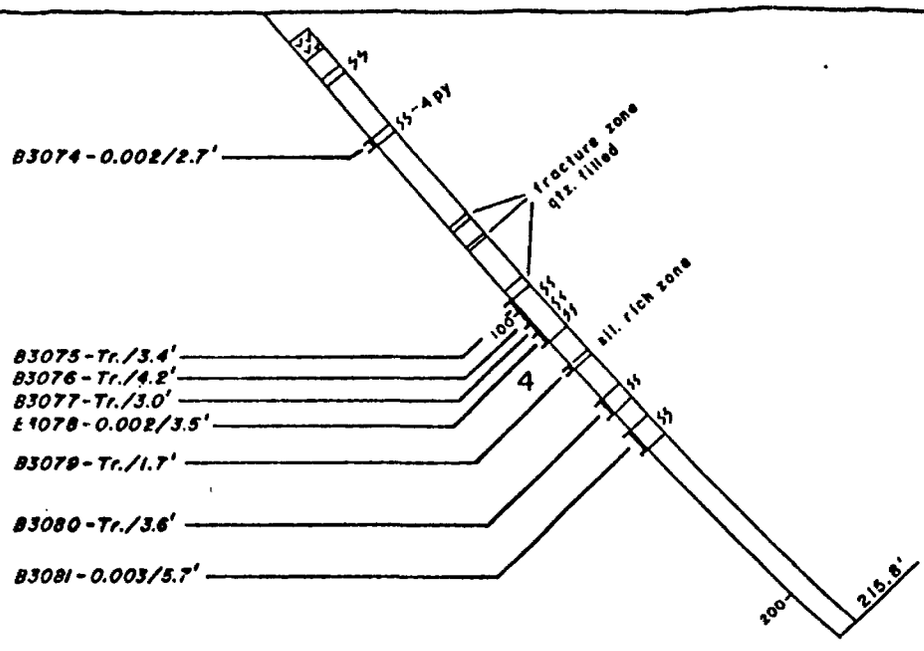
Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays: Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	9.8		Casing								
9.8	16.1	FELSIC TO INTERMEDIATE DYKE	Light grey, fine grained, equigranular, massive to slightly foliated. Granitic to granodioritic in composition. Contacts at 30-40° to core axis.								
16.1	215.8	GRANODIORITE/TONALITE	White with green and black specks. Fine to medium grained hypidiomorphic granular. Massive, with occasional foliated zones due to shearing. Some quartz-rich zones associated with fractures. Granodioritic in composition, possibly grading to a tonalite/quartz diorite in places. Same unit as 8.2-154.2 in DDH PH-1.								
			22.4-23.8 - Sheared granodiorite with 3" soft chloritic fracture or fault zone.								
			41.5-44.2 - Bleached and silicified granodiorite with 3-5% disseminated pyrite. Includes occasional fractures surrounded by 2-3" bleached chloritic-silicic alteration haloes.	B3074	41.5	44.2	2.7	0.002			
			72.9-73.9 - Fracture bounded quartz-rich zone. Slightly coarser grained than granodiorite host								

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			rock with less mafic content. Contacts at 25-30° to core axis.								
			88.1-88.9 - Similar to 72.9-73.9. Contacts at 20 and 60° to core axis.								
			94.0-96.7 - Quartz rich zone similar to 72.8-73.9 with 1/2 to 3/4" wide quartz-feldspar "veins" at 30-45° to core axis.								
			96.7-110.8 - Sheared granodiorite grading to a quartz diorite with up to 30% biotite parallel to foliation at 50-60° to core axis. Includes numerous 1/4 to 3/4" quartz veins from 100.1-101.6 and 2-3" wide quartz veins from 102.6-103.8. Section contains ≤1% disseminated pyrite.	B3075	96.7	100.1	3.4	Trace			
				B3076	100.1	104.3	4.2	Trace			
				B3077	104.3	107.3	3.0	Trace			
				B3078	107.3	110.8	3.5	0.002			
			118.2-119.9 - Bleached quartz-rich zone associated with 1" grey highly fractured quartz vein at 10-15° to core axis. Contains ≤1% fine to coarse grained pyrite associated with quartz vein and fractures.	B3079	118.2	119.9	1.7	Trace			
			130.6-134.2 - Zone of slight bleaching and shearing with numerous thin subparallel carbonate-feldspar veinlets and/or tension fractures at 50-60° to core axis. Includes 5" quartz vein with no associated sulfide mineralization.	B3080	130.6	134.2	3.6	Trace			
			142.4-148.1 - Sheared granodiorite with thin white carbonate pods and stringers parallel to foliation at 50° to core axis.	B3081	142.4	148.1	5.7	0.003			
215.8		END OF HOLE									

Lat. 44+65 N
Dep. 25+40 W
Az. 090°

DDH PH-2 (-50°)



B3074 - Tr./3.4' - Sample number - Au. oz./ton/Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
S.S.	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY
Vertical Section
DDH PH-2
1"=50'
Sept 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-3
Sheet 1 of 2

Job 1424 N.T.S. 52F/9	Objective Test Pidgeon Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			Dip / Azimuth
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 2400 feet	At Collar -50° 090°
Location: Line 43+22N		Casing Lost Nil	225.4' -43.5°
Station 28+12W	Commenced September 7/84		
Elevation	Completed September 8/84	Core Size BQ	
Logged W. Penno	Length 225.4 feet		

Remarks

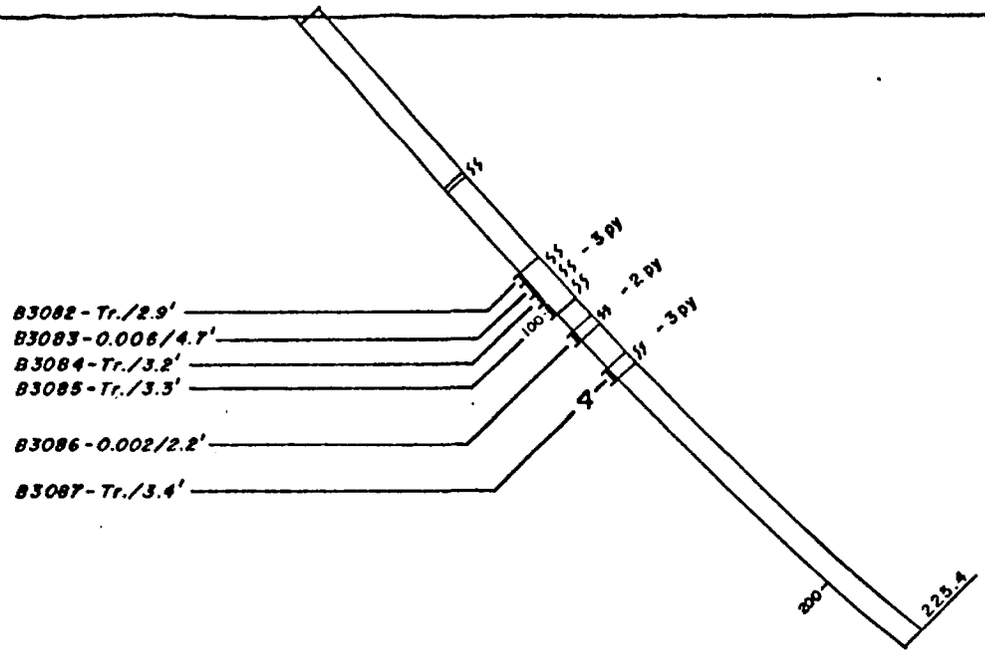
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	2.2		Casing								
2.2	225.4	GRANODIORITE/TONALITE	White with green and black specks, medium grained hypidiomorphic granular. Composed of 65-70% felsic minerals (35-40% white feldspar (plagioclase ± K-feldspar) and 25-30% grey anhedral quartz) and 30-35% mafic minerals (20-25% green amphibole (hornblende), largely altered to chlorite and 5-10% black biotite). Unit cut by occasional shear zones. Same unit as 16.1-215.8 in DDH PH-2.								
			146.8-225.4 - Granodiorite with assimilated mafic xenoliths up to 2' in size. Xenoliths are finer grained, chloritic with gradational contacts.								
			58.8-59.7 - Sheared granodiorite with abundant biotite parallel to foliation at 40-45° to core axis. Slightly fragmented along fractures.								
			87.8-101.9 - Sheared, quartz rich granodiorite(?) with 15-20% biotite parallel to foliation at 45-50° to core axis. Includes series of quartz veins up to 13" wide from 90.7-95.4. Veins	B3082	87.8	90.7	2.9	Trace			
				B3083	90.7	95.4	4.7	0.006			
				B3084	95.4	98.6	3.2	Trace			
				B3085	98.6	101.9	3.3	Trace			

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			surrounded by bleached, siliceous alteration haloes up to 2" wide; 2-4% fine grained disseminated pyrite and <1% pyrrhotite associated with altered inclusions and wallrock adjacent to quartz veins.									
			105.4-107.2 - Granodiorite/tonalite with hematitic alteration of feldspar around fractures.									
			109.9-112.1 - Sheared granodiorite largely altered to quartz, chlorite and biotite. Includes 1" quartz vein with 1-2% fine grained pyrite and pyrrhotite.	B3086	109.9	112.1	2.2	0.002				
			121.1-124.5 - Sheared granodiorite with 20% biotite and 2-3% chlorite parallel foliation at 50° to core axis. Slightly magnetic containing 2-3% fine grained disseminated pyrite and pyrrhotite.	B3087	121.1	124.5	3.4	Trace				
			178.3-178.8 - Chloritic fault/fracture zone.									
			189.8-190.4 - Mafic dyke (?) with 3" grey fractured quartz vein. No associated sulfides.									
225.4		END OF HOLE										

Alexander Flatz

Lat. 43+22 N
Dep. 28+12 W
Az. 090°

DDH PH-3 (-50°)



B3082 - Tr./2.9' — Sample number - Au. oz./ton / Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⸗	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3py	3% PYRITE

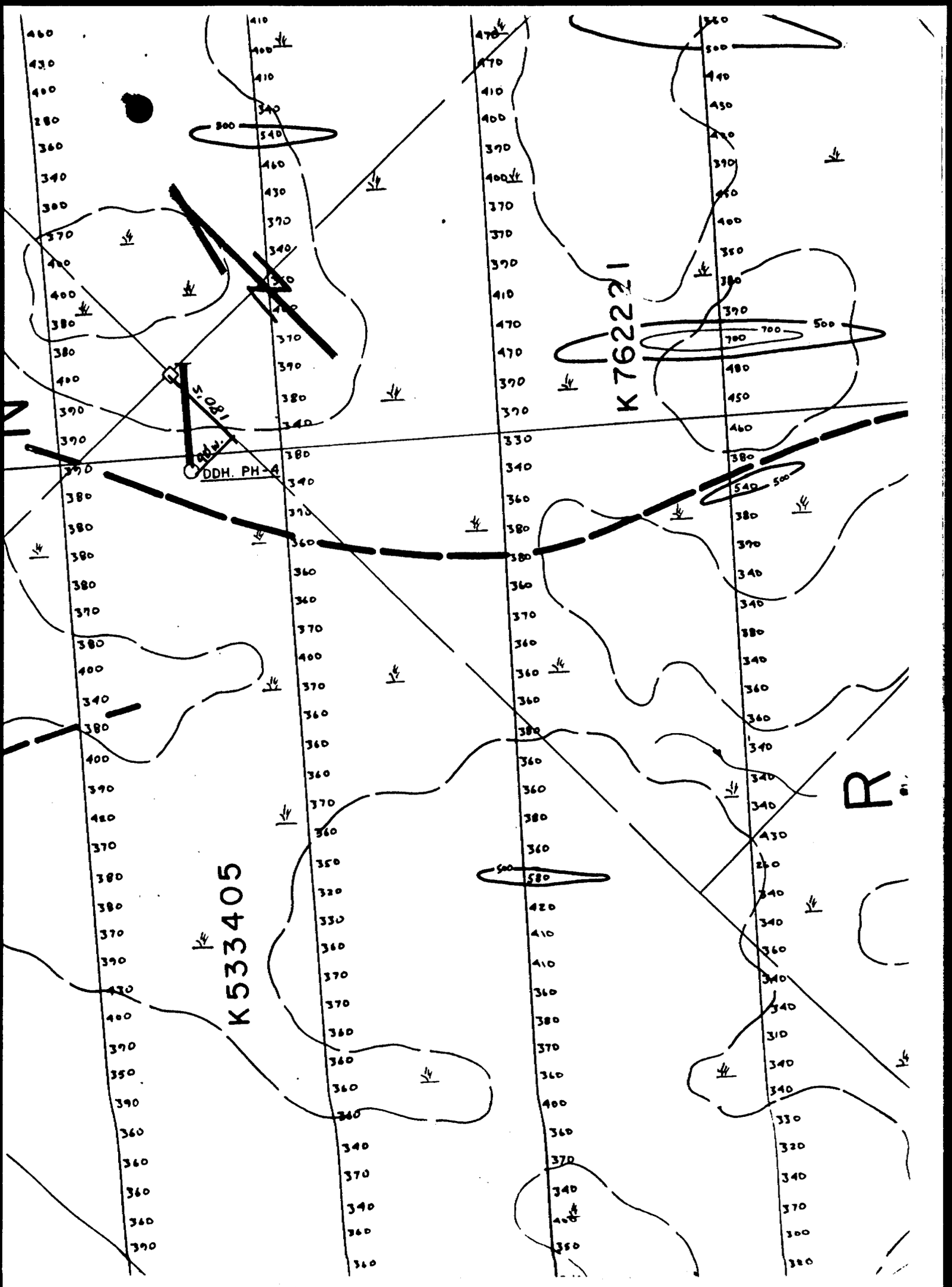
Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY

Vertical Section

DDH PH-3

1" = 50'

Sept. 1984


K762221
K533405
DDH. PH-4
S.080
180 m.

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-4
Sheet 1 of 3

Job 1424 N.T.S. 52F/9	Objective Test Pidgeon Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			Dip / Azimuth
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 3000 feet	At Collar: -50° / 040°
Location: Line 37+60N		Casing Lost Nil	333.4': -40.5° /
Station 25+72W	Commenced September 8/84		
Elevation	Completed September 11/84	Core Size BQ	
Logged W. Penno	Length 333.2 feet		

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays: Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	18.7		Casing								
18.7	333.4	GRANODIORITE/QUARTZ DIORITE	White with black and green specks. Fine to medium grained hypidiomorphic granular. Slightly more mafic than DDH PH-1 to PH-3, grading towards a quartz diorite. Contains numerous hematitic-siliceous-calcareous alteration zones with up to 10% fine to medium grained disseminated pyrite. Unit cut by numerous fractures and thin (≤1/4") quartz veinlets surrounded by bleached-hematitic alteration haloes.								
			27.0-32.9 - Sheared granodiorite (?), altered largely to fine grained biotite, chlorite and feldspar. Foliation at 60-65° to core axis. Contains ≤1% fine grained disseminated pyrite.								
			62.6-64.4 - Zone of bleaching associated with thin quartz veins and fractures. Calcareous with 3-5%, fine to medium grained disseminated pyrite.	B3088	62.6	64.4	1.8	Trace			
			68.6-69.9 - Slightly bleached, silicified zone with hematitic alteration of feldspar. Contains thin (≤3/16") quartz veins and fractures.	B3089	68.6	69.9	1.3	Trace			

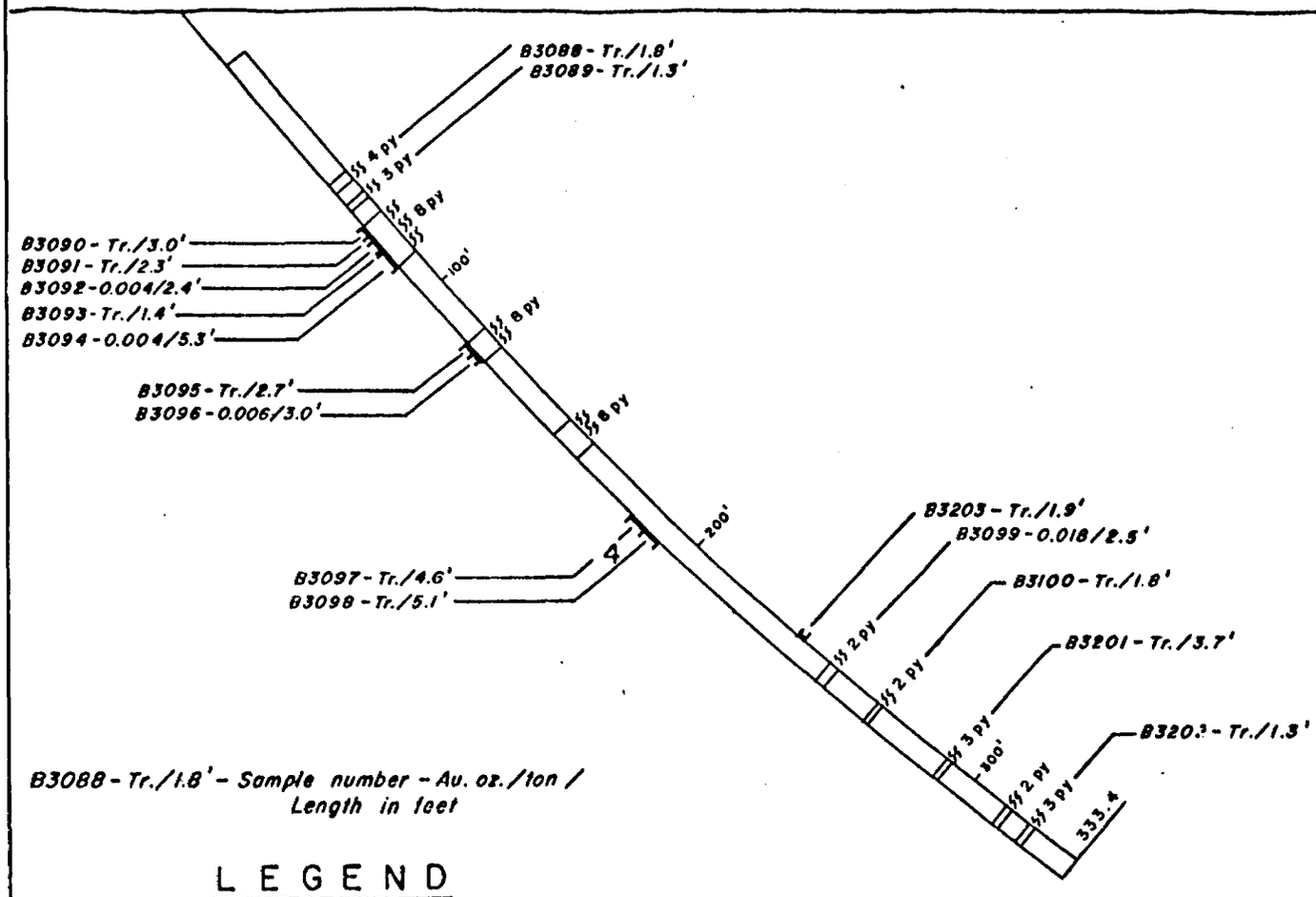
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			Calcareous containing 2-3% disseminated pyrite.									
			75.2-89.6 - Zone of strong siliceous and hematitic alteration associated with numerous thin (≤3/8") quartz veins and fractures. Calcareous containing 5-10% fine grained disseminated pyrite. Includes occasional sections of slightly calcareous, relatively unaltered, granodiorite/quartz diorite.	B3090	75.2	78.2	3.0	Trace				
				B3091	78.2	80.5	2.3	Trace				
				B3092	80.5	82.9	2.4	0.004				
				B3093	82.9	84.3	1.4	Trace				
				B3094	84.3	89.6	5.3	0.004				
			89.6-95.0 - Sheared calcareous granodiorite with minor hematite alteration. Includes 12" intermediate to mafic dyke (?).									
			106.5-108.3 - Zone of strong hematite alteration associated with a series of fractures at 60-65° to core axis.									
			117.6-124.3 - Slightly silicified zone with 5-10% fine to medium grained disseminated pyrite. Calcareous with minor hematite alteration.	B3095	117.6	120.3	2.7	Trace				
				B3096	120.3	123.3	3.0	0.006				
			133.3-134.4 - Series of narrow (≤1") fragmental zones, possibly due to movement along fracture/fault planes.									
			152.9-160.0 - Highly altered and sheared mafic dyke (?) or granodiorite (?). Altered to a soft, friable mass of biotite and calcite ± kaolinized feldspar. Contacts marked by white to grey slightly hematitic quartz veins up to 4" in size, with abundant chlorite.									
			181.6-191.3 - Pyritiferous calcareous granodiorite with minor shearing and quartz veining. Veins up to 2" in size, averaging ≤1/4". Zone contains 5-10% fine to medium grained disseminated pyrite.	B3097	181.6	186.2	4.6	Trace				
				B3098	186.2	191.3	5.1	Trace				
			233.8-236.9 - Sheared granodiorite with abundant hematitic and chloritic alteration.									

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			238.7-240.6 - Zone with 1" quartz vein at 10° to core axis. Trace of pyrite mineralization.	B3203	238.7	240.6	1.9	Trace			
			244.8 - 2" wide mud seam. Fracture/fault zone(?).								
			250.6-253.3 - Sheared granodiorite with hematitic alteration near lower contact. Contains 1-2% fine grained disseminated pyrite, dominantly associated with hematitic zones.	B3099	250.6	253.1	2.5	0.018			
			267.2-268.3 - Sheared granodiorite with a number of thin quartz veins and/or lenses generally parallel to foliation at 75-80° to core axis. Section averages 1-2% fine grained disseminated pyrite.	B3100	267.2	268.3	1.1	Trace			
			293.1-294.9 - Quartz vein with bleached and silicified wallrock inclusions. Wallrock slightly bleached and sheared near contacts. Contains 2-3% disseminated pyrite associated with inclusions and altered wallrock.	B3201	291.8	295.5	3.7	Trace			
			312.1-312.7 - Sheared granodiorite with minor quartz veining parallel foliation at 80-85° to core axis. Contains 1-2% disseminated pyrite.								
			319.9-321.2 - Series of parallel quartz veins ranging in size from 1/4 to 5/8" surrounded by pyritiferous alteration haloes. Zone averages 2-3% disseminated pyrite.	B3202	319.9	321.2	1.3	Trace			
333.2		END OF HOLE									

Alexander Scott

Lat. 37+60 N
Dep. 25+72 W
Az. 040°

DDH PH-4 (-50°)



B3088 - Tr./1.8' - Sample number - Au. oz./ton / Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
ss	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY
Vertical Section
DDH PH-4
1" = 50'
Sept. 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-5
Sheet 1 of 4

Job 1424 N.T.S. 52F/9	Objective To Test New Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 4200 feet	At Collar: Dip -50°, Azimuth 062°
Location: Line 37+45N		Casing Lost Nil	215.4' -43.5°
Station 2+10W	Commenced September 12, 1984		
Elevation	Completed September 14, 1984	Core Size BQ	
Logged W. Penno	Length 215.4 feet		

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays: Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	11.1		Casing								
11.1	20.5	MAFIC VOLCANIC	Dark green, fine grained, altered entirely to chlorite with a trace of fine grained disseminated pyrite. Foliation at 60° to core axis. 15.3-17.2 - Intermediate (granodiorite?) dyke. Light grey, fine to medium grained, slightly foliated, composed of 15-20% sericitized (?) feldspar (plagioclase) crystals in a matrix of fine grained sugary quartz, biotite and chlorite.								
20.5	215.4	BIOTITE GRANODIORITE	Light grey to white with black specks. Fine grained, well foliated, composed of 20-30% feldspar, largely altered to sericite, 30-50% fine grained sugary quartz, 15-25% black biotite, 2-3% calcite (secondary?) and trace to 1% disseminated pyrite. Feldspar and quartz form lenses or augen wrapped by biotite and quartz parallel to foliation at 60° to core axis. Calcareous, slightly magnetic. Sheared in places and cut by numerous felsic to mafic dykes.								

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			25.6-32.6 - Mafic Dyke. Dark green to black, fine grained, composed of 65-75% feldspar ± quartz. Calcite fractures and veinlets parallel to foliation at 50-60° to core axis. Upper contact sharp. Lower contact marked by chlorite-hematite alteration, minor quartz veining and fragmentation of wallrock.								
			37.3-40.0 - Felsic Dyke. Light grey, fine grained to aphanitic, altered largely to sericite. Contains occasional quartz eyes and 1-2% mafic minerals.	B3204	42.5	45.0	2.5	Trace			
			45.0-48.0 - Series of white, massive quartz veins from 1-1/2" to 24" in size. Contacts parallel to foliation at 60° to core axis. Contains 1-2% disseminated pyrite associated with bleached and silicified wallrock adjacent to veins.	B3205	45.0	48.0	3.0	0.042			
				B3206	48.0	50.3	2.3	Trace			
			54.2-55.2 - Rhyolite Dyke. Pink, fine grained to aphanitic, siliceous with 1-2% fine grained disseminated magnetite. Contacts sharp and at 60° to core axis.								
			66.6-72.5 - Strongly sheared porphyroblastic(?) granodiorite. Dark grey with pink to white feldspar porphyroblasts and augen up to 1/2" in size. Strongly foliated with 10-15% black biotite parallel to foliation, wrapping around porphyroblasts. Matrix composed of fine grained sugary quartz, feldspar and carbonate. Porphyroblasts appear rotated. Porphyroblastic strongly sheared granodiorite. Equivalent to porphyritic diorite in detailed map of New showing.	B3207	66.6	72.5	5.9	Trace			
			79.8-82.5 - Slightly sheared granodiorite with 1-2% pyrite associated with quartz veins and	B3208	79.8	82.5	2.7	0.002			

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			fractures parallel to foliation at 60° to core axis.									
			99.4-100.7 - Sheared granodiorite with 4" rhyolite dyke from 99.8-100.2.									
			103.5-107.2 - Sheared granodiorite, trace of pyrite.	B3209	103.5	107.2	3.7	Trace				
			113.2-113.4 - Light grey, fractured quartz vein. Contacts at 50-60° to core axis cross cutting foliation.									
			118.7-120.6 - Sheared granodiorite, trace of disseminated pyrite.	B3210	118.7	120.6	1.9	Trace				
			123.4-124.6 - Fracture at 15-20° to core axis. Includes 1" grey quartz vein with large (1 1/4") cube of pyrite and abundant chlorite.	B3211	123.4	124.6	1.2	Trace				
			124.6 - 128.4 - Zone of slight hematite alteration and chlorite alteration of biotite. Includes occasional quartz veins up to 1" in size. No associated sulfides.									
			148.9-154.8 - Sheared granodiorite with ≤1% fine to medium grained disseminated euhedral pyrite associated with quartz and quartz-feldspar veins and zones parallel foliation.	B3212	148.9	154.8	5.9	Trace				
			163.3-164.8 - Pink felsic dyke with a number of chloritic wallrock inclusions. Lower contact marked by 1" pegmatitic vein composed of large (up to 3/4") blades of biotite and quartz. Wallrock sheared and altered up to 4" from contact.									
			168.9-170.0 - Sheared granodiorite.	B3213	168.9	170.0	1.1	0.018				
			187.4-188.9 - Sheared granodiorite with minor hematite alteration along hairline fractures.	B3214	187.4	188.9	1.5	Trace				

Hole PH-5
Sheet 4 of 4

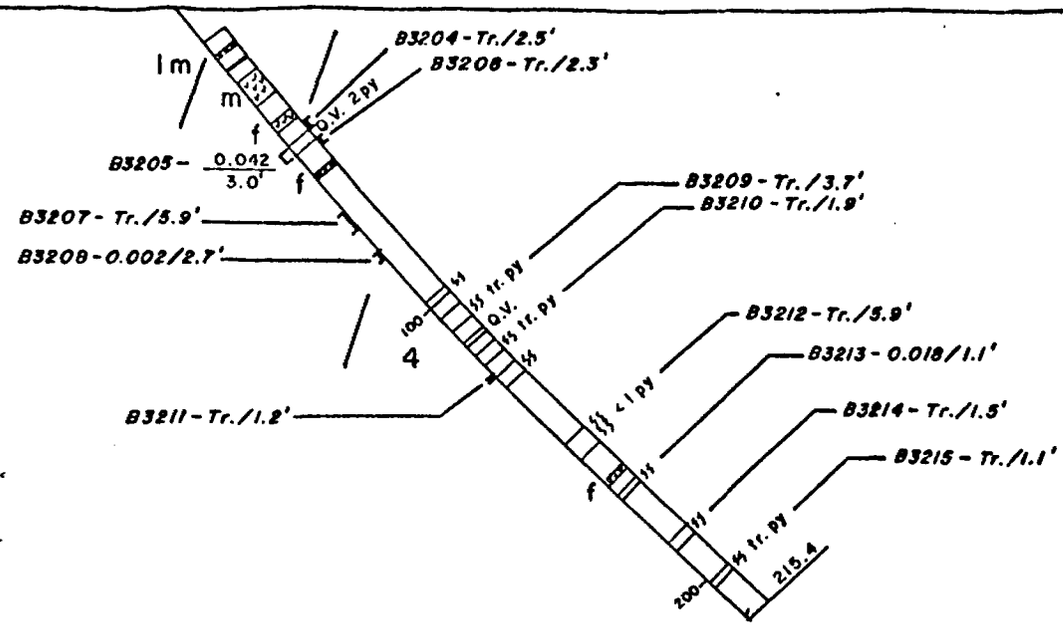
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu ppm	Assays Zn ppm	Assays
			202.0-203.1 - Sheared granodiorite with 2-3" grey quartz vein, <1% fine grained disseminated pyrite.	B3215	202.0	203.1	1.1	Trace				
			210.7 - 2" grey quartz vein, no sulfides.									
215.4		END OF HOLE										

Alexander Graf

D MP-61 Oct/84

Lot. 34+45 S
Dep. 2+10 W
Az. 062°

DDH PH-5 (-50°)



B3204 - Tr./2.5' - Sample number - Au. oz./ton / Length in feet

LEGEND

	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
ss	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY
Vertical Section
DDH PH-5
1" = 50'
Sept. 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-6
Sheet 1 of 3

Job 1424 N.T.S. 52F/9	Objective To Test New Showing at Depth	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			Dip / Azimuth
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 4150 feet	At Collar -50° 062°
Location: Line 33+95S		Casing Lost Nil	225.4' -37°
Station 2+15W	Commenced September 14, 1984		
Elevation	Completed September 15, 1984	Core Size BQ	
Logged W. Penno	Length 225.4 feet		

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	11.5		Casing								
11.5	225.4	BIOTITE GRANODIORITE	Light grey to white with black specks. Fine to medium grained hypidiomorphic texture. Upper part of unit massive to slightly foliated, becoming more strongly foliated down hole. Calcareous, slightly magnetic, cut by numerous shear zones, quartz veins and felsic to mafic dykes. Same unit as 20.5-215.4 in DDH PH-5.								
			12.9-13.9 - Sheared granodiorite with blue quartz eyes and 20-25% biotite parallel to foliation at 55-60° to core axis.								
			27.0 - 1/2" wide band massive pyrite and pyrrhotite with 0.5% chalcopyrite associated with a 1/2" quartz vein in a 2" shear zone.	B3216	26.4	27.9	1.5	0.004			
			51.3-51.7 - Mafic Dyke - Dark green to black, fine grained altered to chlorite and biotite, trace of pyrite.								
			52.6-58.2 - Mafic Dyke - Similar to 51.3-51.7 with carbonate veinlets parallel to foliation at 50° to core axis. Occasional hematitic wall-								

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			rock inclusions. Probably correlates with the mafic dyke from 25.6-32.6 in DDH PH-5.								
			58.2-60.7 - Sheared granodiorite with hematite alteration.	B3217	58.2	60.7	2.5	0.006			
			60.7-71.0 - Strongly foliated to sheared granodiorite with occasional quartz veins and fractures, 1-2% disseminated pyrite.	B3218	60.7	65.9	5.2	Trace			
				B3219	65.9	71.0	5.1	Trace			
			71.0-72.7 - Rhyolite Dyke.	B3220	71.0	72.7	1.7	Trace			
			72.7-81.0 - Sheared granodiorite with numerous quartz veins and zones. Slight bleaching and hematite alteration. Section averages ≤1% disseminated pyrite generally associated with quartz veins and altered zones.	B3221	72.7	77.1	4.4	0.004			
				B3222	77.1	81.0	4.0	Trace			
			81.1-83.1 - Sheared and deformed granodiorite(?) with numerous quartz lenses parallel to foliation. Some silicification and bleaching. Section averages 1-2% disseminated pyrite.	B3223	81.1	83.1	2.0	Trace			
			83.1-84.1 - Rhyolite dyke with quartz veining and pyritiferous inclusions, 1-2% pyrite.	B2224	83.1	84.1	1.0	Trace			
			84.1-86.7 - Sheared granodiorite with occasional quartz veinlets parallel to foliation at 55-60° to core axis. Trace of pyrite.	B3225	84.1	86.7	2.6	Trace			
			86.7-93.9 - Strongly sheared porphyroblastic(?) granodiorite(?). Quartz-feldspar augen parallel foliation. Same unit as 66.6-72.5 in DDH PH-5.	B3226	86.7	93.9	7.2	Trace			
			93.9-110.6 - Strongly foliated to sheared granodiorite with numerous thin quartz veins. Minor silicification and bleaching around veins. Section averages ≤1% pyrite.	B3227	93.9	98.4	4.5	0.002			
				B3228	98.4	101.9	3.5	Trace			
				B3229	101.9	106.9	5.0	0.002			
				B3230	106.9	110.8	3.9	Trace			
			118.8-122.4 - Foliated granodiorite with quartz veins and fractures surrounded by hematite alteration zones and 1-2% disseminated pyrite.	B3231	118.8	122.4	3.6	Trace			

Hole PH-6
Sheet 3 of 3

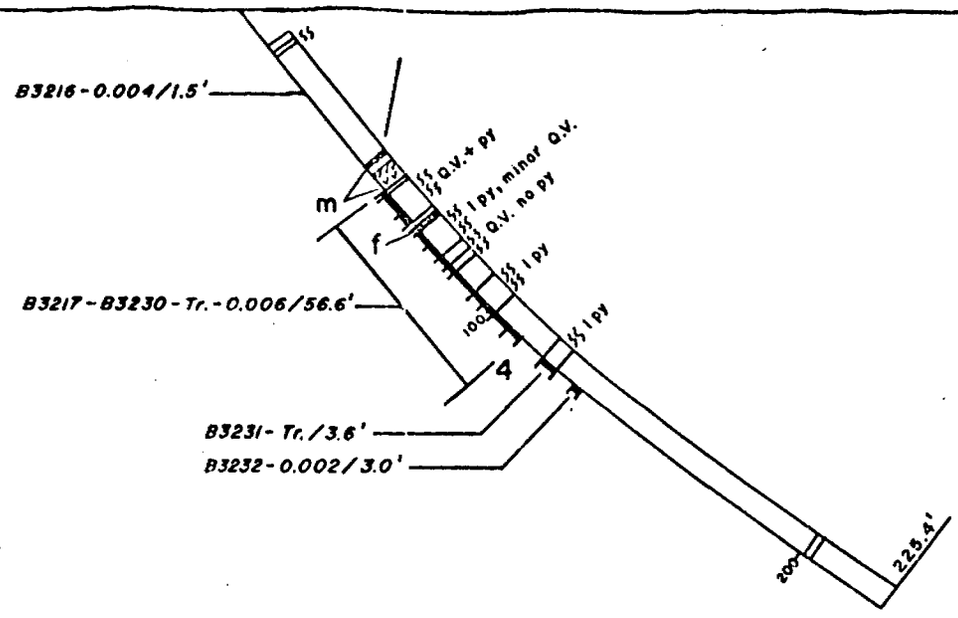
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu ppm	Assays Zn ppm	Assays
			122.4-124.9 - Rhyolite Dyke. 127.7-130.7 - Granodiorite with 10" zone of quartz veining and chlorite-hematite alteration. Calcareous with ≤1% pyrite. 172.6-173.7 - Grey felsic dyke. 179.1-179.4 - Grey felsic dyke. 201.8-202.9 - Fracture at 5° to core axis with epidote-hematite alteration. 214.5-215.0 - Grey quartz vein with abundant chlorite in a strongly foliated granodiorite.	B3232	127.7	130.7	3.0	0.002				
225.4		END OF HOLE										

Alexander Hunt

D WP-62 Oct/84

Lat. 33+95 S
Dep. 2+15 W
Az. 062°

DDH PH-6 (-50°)



B3216-0.004/1.5' - Sample number - Au. oz./ton/ Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
ss	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY

Vertical Section

DDH PH-6

1"= 50'

Sept 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-7
Sheet 1 of 3

Job 1424 N.T.S. 52F/9
Property Pidgeon-Hyndman
Township Hyndman
Location: Line 33+60S
Station 1+50W
Elevation
Logged W. Penno

Objective To Test New Showing at Depth
Drilling Co. St. Lambert Drilling
Commenced September 15, 1984
Completed September 17, 1984
Length 151.3 feet

Core Location Borups Corners, Ont.
Distance to water 4100 feet
Casing Lost Nil
Core Size BQ

Tests

	Dip	Azimuth
At Collar	-50°	062°
151.3'	-43.5°	

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	4.6		Casing								
4.6	151.3	BIOTITE GRANODIORITE	Light grey to white with black specks. Fine grained, well foliated, composed of 20-30% feldspar, largely altered to sericite, 30-50% fine grained sugary quartz, 15-25% black biotite, 2-3% calcite (secondary?) and trace to 1% disseminated pyrite. Feldspar and quartz form lenses or augen wrapped by biotite and quartz parallel to foliation at 60° to core axis. Calcareous, slightly magnetic. Sheared in places and cut by numerous felsic to mafic dykes. Same as from 11.5-225.4 in DDH PH-6. 32.0-39.0 - Foliated granodiorite with chlorite alteration of biotite. 39.0-41.8 - Felsic dyke. Light grey, fine grained. Slightly foliated with 1% fine grained disseminated magnetite. Includes 3" mafic dyke near lower contact. 46.1-46.5 - Mafic Dyke. 50.8-51.1 - Mafic Dyke. 53.7-59.1 - Sheared and deformed granodiorite	B3234	53.7	59.1	5.4	Trace			

D WP-63 Oct/84

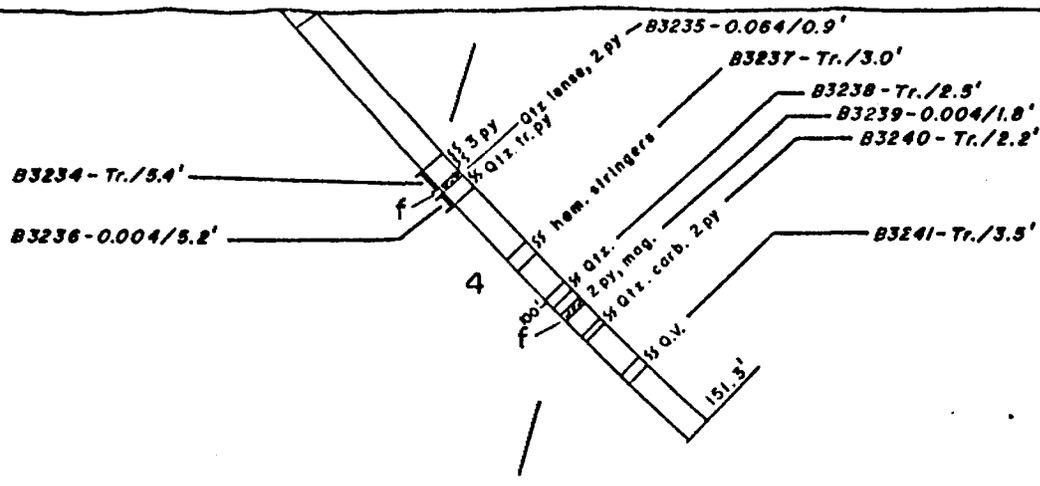
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			with quartz lenses and veins parallel to foliation at 60° to core axis. Calcareous with 2-3% disseminated pyrite. Correlates with section from 81.1-83.1 in DDH PH-6.								
			59.1-60.0 - Pink to grey felsic dyke, largely altered to sericite. Cut by a number of thin quartz veins and/or lenses up to 3/8" in width. Pink colouration probably due to hematite alteration along contacts of veins. Section contains 1-2% disseminated pyrite parallel to foliation. Correlates to 83.1-84.1 in DDH PH-6.	B3235	59.1	60.0	0.9	0.064			
			60.0-65.2 - Strongly foliated to slightly sheared granodiorite with occasional quartz veins up to 3/4" in size. Veins surrounded by alteration haloes with 2-4% disseminated pyrite.	B3236	60.0	65.2	5.2	0.004			
			72.4-81.5 - Porphyroblastic, strongly sheared granodiorite. Same as 86.7-93.9 in DDH PH-6.								
			85.0-88.0 - Strongly foliated to sheared granodiorite with minor bleaching and hematite alteration associated with a grey quartz vein and fracture at 5° to core axis.	B3237	85.0	88.0	3.0	Trace			
			99.5-102.0 - Sheared granodiorite with quartz lenses and/or veins parallel to foliation at 60° to core axis. Trace of pyrite.	B3238	99.5	102.0	2.5	Trace			
			104.5-106.3 - Rhyolite dyke with quartz lenses parallel to foliation. Contains 1-2% pyrite and trace to 1% magnetite parallel to foliation at 60° to core axis.	B3239	104.5	106.3	1.8	0.004			
			107.2-108.7 - Light to dark grey felsic dyke with hairline fractures surrounded by thin (1/16" to 1/8") hematitic alteration haloes. Hematitic(?) alteration of feldspars near lower contact.								
			112.5-113.2 - Quartz-carbonate zone with 1-3%	B3240	111.8	114.0	2.2	Trace			

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu ppm	Assays Zn ppm	Assays
			disseminated pyrite in wallrock up to 6" from contacts.									
			120.1-121.6 - Rhyolite dyke with 1% disseminated magnetite.									
			127.4-130.9 - Strongly foliated to sheared quartz-rich zone. Includes 4" quartz-carbonate vein, 2" bleached alteration zone with 2-3% disseminated magnetite and occasional quartz veins. Section contains <1% pyrite.	B3241	127.4	130.9	3.5	Trace				
151.3		END OF HOLE										

Alexander Graham

Lat. 33+60 S
Dep. 1+50W
Az. 062°

DDH PH-7 (-50°)



B3235 - 0.064/0.9' - Sample number - Au. oz./ton / Length in feet

LEGEND

▱	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⸗	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY

Vertical Section

DDH PH-7

1"= 50'

Sept 1984

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-8
Sheet 1 of 2

Job 1424 N.T.S. 52F/9	Objective To Test New Showing at Depth	Core Location Borups Corners, Ont.	Tests
Property Pidgeon-Hyndman			Dip / Azimuth
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 4250 feet	At Collar -50° 062°
Location: Line 33+15S		Casing Lost Nil	151.7' -45.5°
Station 2+25W	Commenced September 17, 1984		
Elevation	Completed September 18, 1984	Core Size BQ	
Logged W. Penno	Length 151.7 feet		

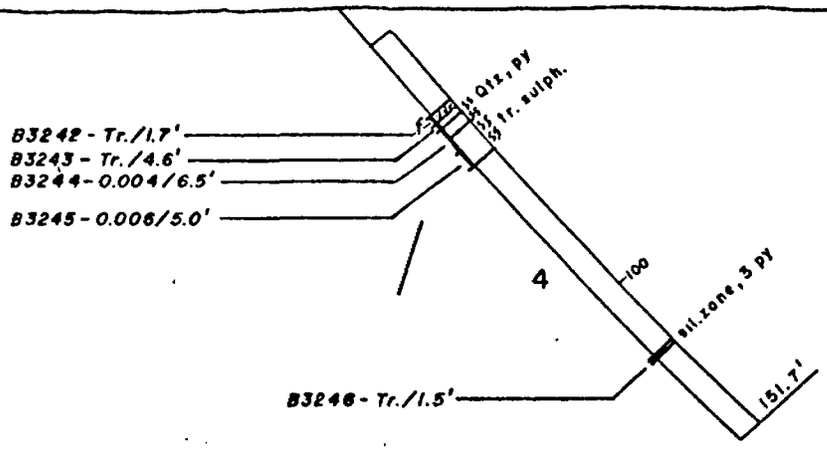
Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	11.9		Casing								
11.9	151.7	BIOTITE GRANODIORITE	Light grey to white with black specks. Fine grained, well foliated. Composed of 20-30% feldspar, largely altered to sericite, 30-50% fine grained sugary quartz, 15-25% black biotite, 2-3% calcite (secondary?) and trace to 1% disseminated pyrite. Feldspar and quartz form lenses or augen wrapped by biotite and quartz parallel to foliation at 60° to core axis. Calcareous, slightly magnetic. Sheared in places and cut by numerous felsic to mafic dykes. Same as 4.6-151.3 in DDH PH-7. Minor quartz veins up to 1/2" in size.							
			36.2-37.9 - Rhyolite Dyke.	B3242	36.2	37.9	1.7	Trace			
			37.9-39.2 - Sheared, slightly bleached granodiorite with quartz lenses and veins parallel to foliation at 60° to core axis. Trace of pyrite.	B3243	37.9	42.5	4.6	Trace			
			39.2-42.5 - Porphyroblastic strongly sheared granodiorite. Lower contact gradational. Same as 72.4-81.5 in DDH PH-7.								

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
			42.5-54.0 - Sheared, slightly bleached granodiorite. Trace of pyrite.	B3244	42.5	49.0	6.5	0.004			
				B3245	49.0	54.0	5.0	0.006			
			73.1-73.6 - Pegmatitic quartz-carbonate-biotite pod.								
			91.7-92.0 - Grey quartz vein, minor bleaching in wallrock. Trace of pyrite.								
			120.2-120.7 - Bleached, silicified zone with 2-3% fine to coarse grained euhedral pyrite.	B3246	119.6	121.1	1.5	Trace			
151.7		END OF HOLE									

Lat. 35+15 S
Dep. 2+25 W
Az. 062°

DDH PH-8 (-50°)



B3242 - Tr./1.7' - Sample number - Au. oz./ton / Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⸗⸗	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3 py	3% PYRITE

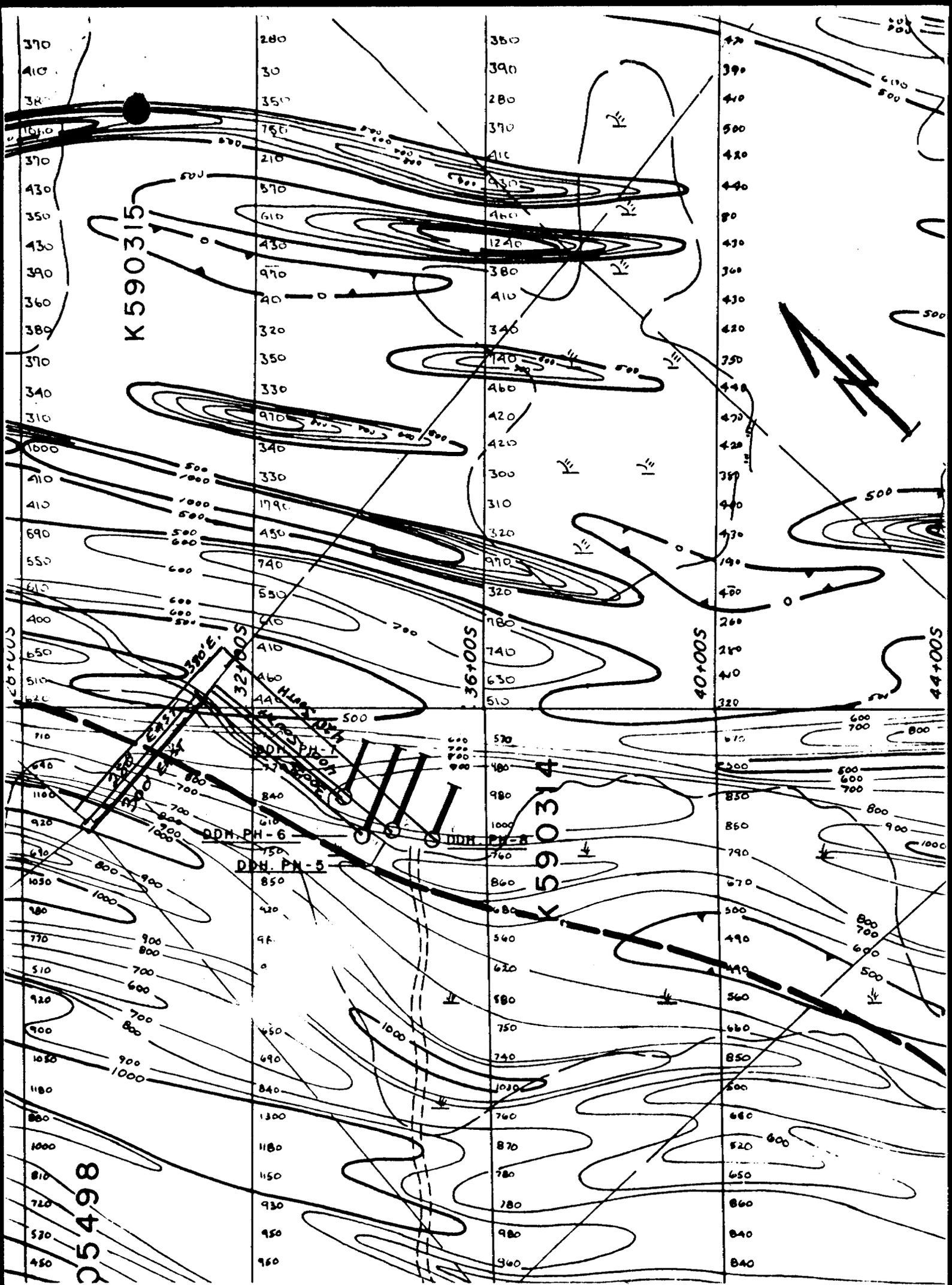
Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY

Vertical Section

DDH PH-8

1" = 50'

Sept 1984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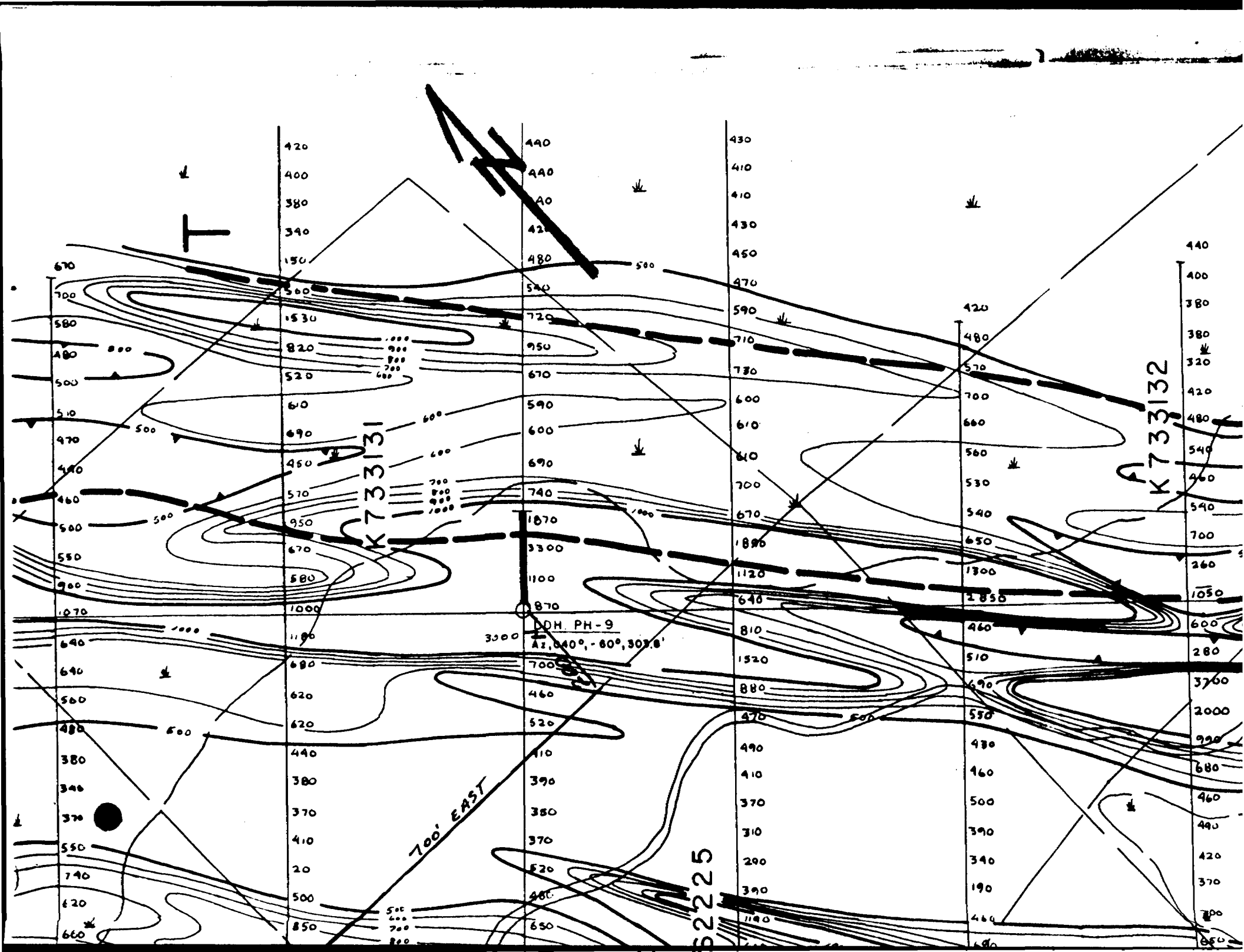
K590314
C5498
32+00S
36+00S
40+00S
44+00S
380'E.
EAST
DDH. PH-1
DDH. PH-6
DDH. PH-8
DDH. PH-5


K73131
K73132
DDH. PH-9
Az. 040°, -60°, 303.8'
700' EAST
6225

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-9
Sheet 1 of 4

Job 1424 N.T.S. 52F/9
Property Pidgeon-Hyndman
Township Hyndman
Location: Line 4+00N
Station 25+00E
Elevation
Logged W. Penno

Objective To Test VLF-EM Anomaly G
Drilling Co. St. Lambert Drilling
Commenced September 19, 1984
Completed September 20, 1984
Length 303.8 feet

Core Location Marathon, Ontario
Distance to water 3000 feet
Casing Lost Nil
Core Size BQ

Tests

	Dip	Azimuth
At Collar	-60°	040°
303.8'	-52°	

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
0	7.8		Casing								
7.8	9.5	MAFIC VOLCANIC	Dark green, fine grained, composed of fine grained chlorite, amphibole and feldspar. Foliation at 50° to core axis.								
9.5	55.2	GREYWACKE	Medium to light grey, fine grained, finely laminated and banded. Composed of 5-15% white to grey, rounded to slightly flattened quartz pebbles and feldspar porphyroblasts and augen up to 3/16" in size in a quartz-feldspar biotite-chlorite-sericite matrix. Foliation parallel to bedding at 50° to core axis. More chloritic sections contain up to 30% fine to coarse grained garnet porphyroblasts. 23.8-33.9 - Greywacke with 5-30% garnet porphyroblasts. 38.8-41.3 - Felsic Sill - Medium grey, fine to medium grained, composed of 20-30% euhedral to anhedral plagioclase (±K-spar), 30-40% grey anhedral quartz and 15-20% sericite with minor biotite. Contacts parallel to foliation at 50°								

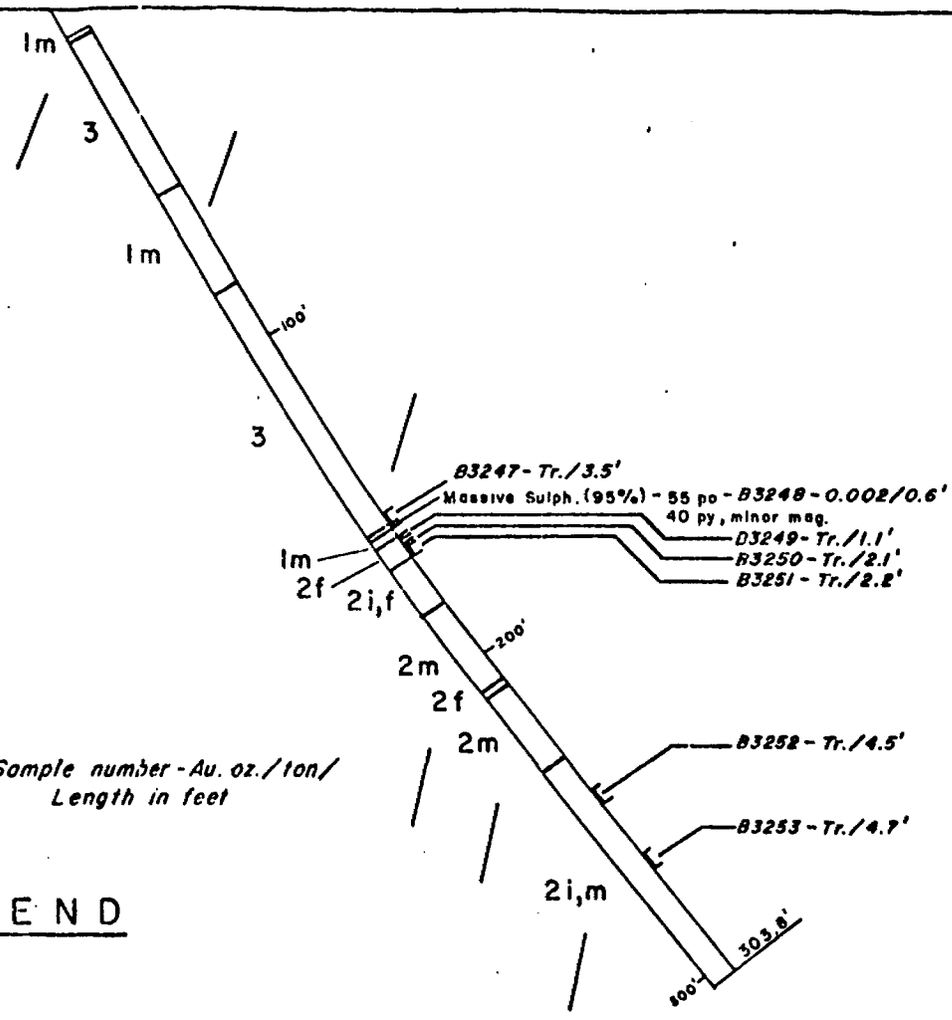
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
			to core axis with 3/8" altered margins. 44.9-50.0 - Intermediate Sill - Medium to dark grey, fine to medium grained, inequigranular, composed of 25-35% euhedral to subhedral plagioclase laths in a fine to medium grained quartz-feldspar-biotite matrix. Massive to slightly foliated with 2-3% fine grained disseminated pyrite up to 6" from contacts.									
55.2	84.9	MAFIC VOLCANIC	Similar to 7.8-9.5 with 15-20% white feldspar and carbonate veinlets parallel to foliation at 50° to core axis. Occasional coarse grained amphibolite sections. 83.7-84.4 - Quartz vein, contacts parallel to foliation. No sulfides.									
84.9	158.9	GREYWACKE	Same as 9.5-55.2, becoming slightly more chloritic near lower contact. 89.3-90.0 - Quartz vein, contacts irregular and subparallel to foliation. 115.6-116.9 - Quartz vein, contacts slightly discordant to foliation. Trace of pyrite on fracture surfaces. 141.5-143.2 - Greywacke with 5-7% fine to medium grained garnet porphyroblasts. 145.2-153.3 - Greywacke with 2-5% garnet porphyroblasts. Slightly more chloritic bands. Occasional pyritiferous laminations.									
158.9	159.5	CONDUCTOR - MASSIVE SULFIDES	Bed of massive pyrrhotite and pyrite with bands of magnetite. Contacts at 50° to core axis and marked by 15-20% fine to coarse grained garnet porphyroblasts.	B3247 B3248	155.4 158.9	158.9 159.5	3.5 0.6	Trace 0.002				

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm	
159.5	161.7	MAFIC VOLCANIC	Similar to 55.2-84.9.									
161.7	168.1	FELSIC ASH TUFF (?)	Grey to greenish grey, finely laminated to banded. Bands alternate from chlorite-garnet rich to sericitic. Chloritic sections often contain 5-20% fine to medium grained disseminated pyrite. Unit is magnetic with 3-5% fine grained disseminated magnetite.	B3249	161.7	162.8	1.1	Trace				
				B3250	163.8	165.9	2.1	Trace				
			162.8-163.8 - Mafic Dyke.									
			165.9-166.7 - Garnetiferous section with 5-7% pyrrhotite and 3-5% pyrite as stringers and rare massive bands.	B3251	165.9	168.1	2.2	Trace				
			167.4-168.1 - Zone of semi-massive pyrite with lesser amounts of pyrrhotite. Also includes 1/4" band massive magnetite and trace of chalcopyrite. Minor open folding.									
168.1	183.4	INTERMEDIATE TO FELSIC ASH TUFF/SEDIMENT(??)	Light to medium grey, fine grained, finely laminated. Altered to fine grained quartz-feldspar and biotite. Occasional thin quartz augen parallel to foliation.									
183.4	207.8	MAFIC VOLCANIC	Same as 55.2-84.9. Numerous quartz and carbonate veinlets parallel to foliation at 50° to core axis.									
207.8	210.5	INTERMEDIATE ASH TUFF(?)	Light grey to green, finely laminated, altered largely to fine grained quartz-feldspar and biotite. Similar to 168.1-183.4.									
210.5	233.9	MAFIC ASH TUFF	Dark green and brown, finely laminated, composed of fine to coarse ash fragments flattened parallel to foliation at 50° to core axis. Altered to fine grained chlorite and biotite.									

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu ppm	Zn ppm
233.9	303.8	INTERBEDDED FELSIC TO MAFIC ASH TO LAPILLI TUFF	Greenish grey to dark green, finely laminated felsic ash tuff interbedded with subordinate intermediate to mafic ash to lapilli tuff. Fragments flattened parallel to foliation at 50° to core axis. Some boudinaged intermediate to mafic fragments and lamellae. Felsic ash tuff intensely sericitized; some silicification and quartz lenses parallel foliation. Occasional garnet porphyroblasts near lower contact. 282.8-284.7 - intermediate sill or dyke. 286.7-288.1 - intermediate sill or dyke. 295.5-296.3 - intermediate sill or dyke. 298.8-299.8 - intermediate sill or dyke.	B3252	245.0	249.5	4.5	Trace			
				B3253	265.7	270.4	4.7	Trace			
303.8		END OF HOLE									

Lat. 4+00 N
Dep. 25+00E
Az. 040°

DDH PH-9 (-60°)



B3247 - Tr./3.5' - Sample number - Au. oz./ton/ Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⸗⸗	SHEAR ZONE
f,i,m	FELSIC, INTERMEDIATE, MAFIC
3py	3% PYRITE

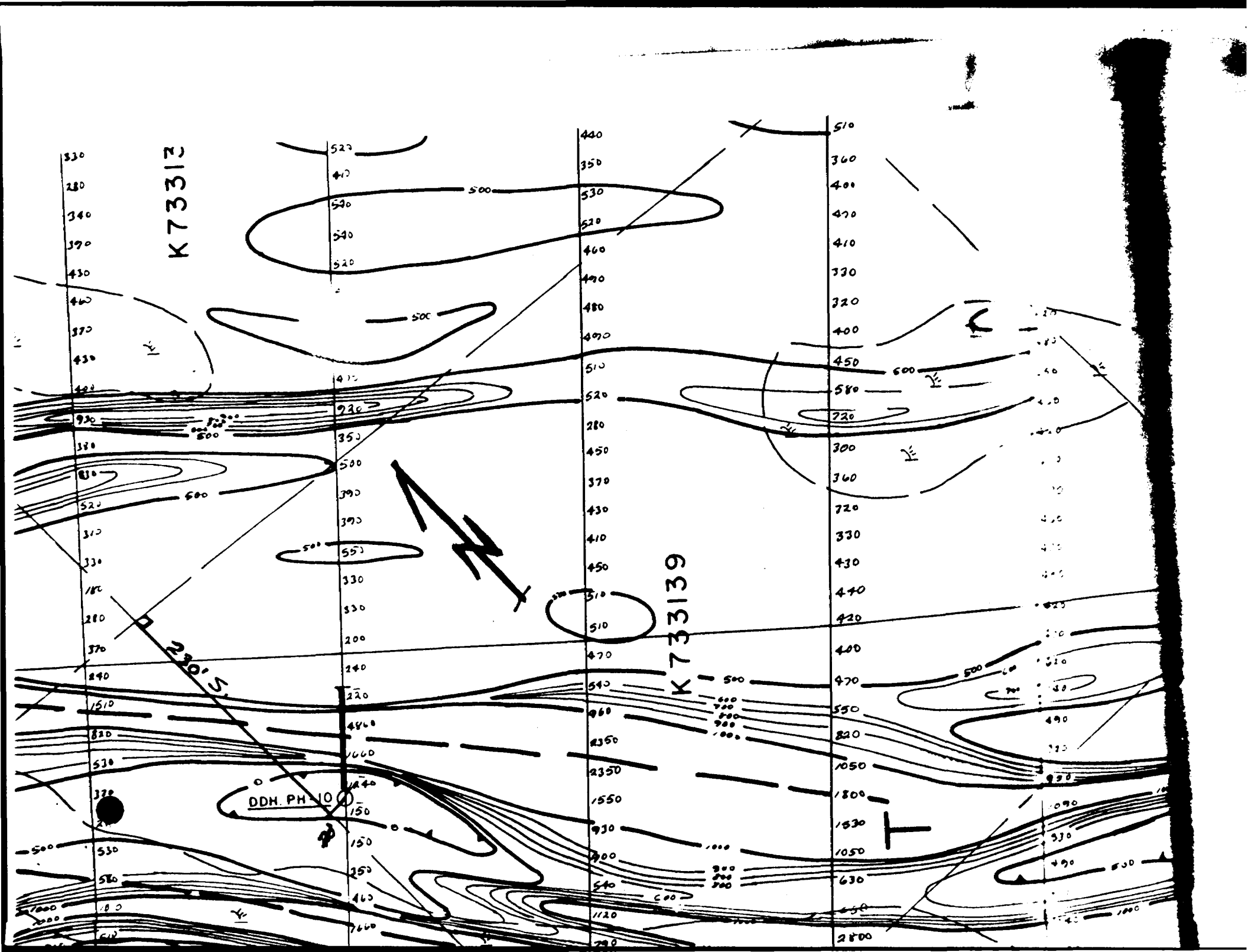
Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY

Vertical Section

DDH PH-9

1"= 50'

Sept 1984


K73312
K73139
DDH. PH-10
230' S.

TECK EXPLORATIONS LIMITED
DIAMOND DRILL LOG

Hole PH-10
Sheet 1 of 3

Job 1424 N.T.S. 52F/9	Objective To Test VLF-EM Anomaly T	Core Location Marathon, Ontario	Tests
Property Pidgeon-Hyndman			Dip / Azimuth
Township Hyndman	Drilling Co. St. Lambert Drilling	Distance to water 2800 feet	At Collar -50° 040°
Location: Line 60+00S		Casing Lost Nil	294.0' -48°
Station 22+35E	Commenced September 21, 1984		
Elevation	Completed September 22, 1984	Core Size BQ	
Logged W. Penno	Length 294.0 feet		

Remarks

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu %	Zn %
0	4.9		Casing								
4.9	155.0	MAFIC TO INTERMEDIATE ASH TO LAPILLI TUFF	Dark green to light grey, finely laminated and banded. Fine ash to lapilli sized fragments flattened and stretched parallel foliation at 65-70° to core axis. Banding on the scale of <1/2", due to alteration to chlorite, biotite, sericite and slight silicification. Calcareous throughout. Garnet porphyroblasts, blue quartz and white feldspar augen flattened parallel to foliation common. Occasional pyrite and pyrrhotite rich lamellae. Section averages <1% sulfides. Includes occasional mafic flows.								
			20.8-21.7 - Series of laminations and silicified bands with fine grained disseminated pyrite and pyrrhotite. Section averages 2-4% sulfides.	B3254	19.6	22.3	2.7	Trace			
			54.1-58.3 - Intermediate to felsic dyke. Pink-brown hematitic feldspar in a fine grained biotite-chlorite-quartz ± feldspar matrix with occasional fine to medium grained epidote crystals near lower contact.								

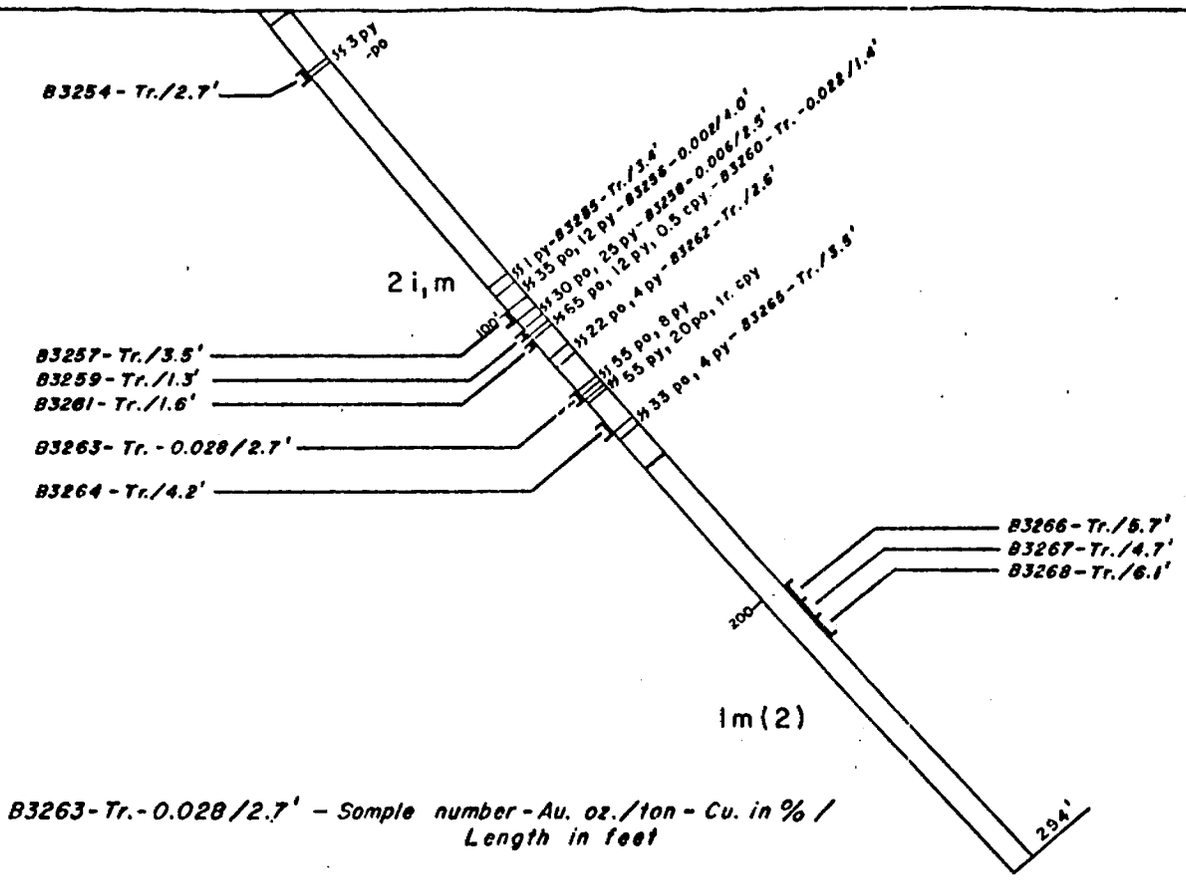
Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu %	Zn %
			91.2-92.3 - Mafic tuff or flow(?) with 25-35% medium to coarse grained garnet porphyroblasts flattened parallel to foliation.								
			92.3-95.7 - Bleached and silicified intermediate to mafic tuff(?) with ≤1% disseminated pyrite and pyrrhotite. Includes occasional bands with 5-10% pyrite and pyrrhotite (pyrite > pyrrhotite).	B3255	92.3	95.7	3.4	Trace			
			95.7-99.4 - Semi-massive to massive pyrrhotite with 10-15% pyrite as stringers and disseminated mineralization.	B3256	95.7	99.7	4.0	0.002			
				B3257	99.7	103.2	3.5	Trace			
			103.2-105.7 - Semi-massive to massive sulfides composed of 25-30% pyrrhotite and 20-30% pyrite.	B3258	103.2	105.7	2.5	0.006			
				B3259	105.7	107.0	1.3	Trace			
			107.0-108.4 - Massive sulfides composed of 60-70% pyrrhotite, 10-15% pyrite and 0.5-1% chalcopyrite.	B3260	107.0	108.4	1.4	Trace		0.022	
				B3261	108.4	110.0	1.6	Trace			
			110.0-114.8 - Chloritic to slightly siliceous section with 25-30% coarse grained garnet porphyroblasts flattened parallel to foliation at 65-70° to core axis.								
			115.8-118.4 - Zone with up to 3/4" bands of massive pyrrhotite with 5-7% pyrite, separated by grey siliceous bands. Section averages 30-35% pyrrhotite and 3-5% pyrite. Includes 3" zone of massive to semi-massive magnetite.	B3262	115.8	118.4	2.6	Trace			
			127.6-128.1 - Band of massive sulfides containing 60% pyrrhotite and 5-10% pyrite.	B3263	127.6	130.3	2.7	Trace		0.028	
			129.2-130.1 - Band of massive pyrrhotite with large (up to 1") irregular "weathered out" cavities. Composed of 80-85% pyrrhotite.								
				B3264	137.7	141.9	4.2	Trace			

Depth (F) From	Depth (F) To	Rock Type	Description	Sample No.	From	To	Length Feet	Assays Au oz/ton	Ag oz/ton	Cu %	Zn %
			141.9-143.2 - Bleached and silicified zone with 30-35% pyrrhotite and 3-5% pyrite. Mineralization occurs as fine grained disseminations and stringers parallel to foliation. Includes 3" band massive pyrrhotite and occasional quartz veins.	B3265	141.9	145.4	3.5	Trace			
155.0	294.0	MAFIC VOLCANIC	Dark green, fine grained, well foliated, altered to chlorite, feldspar and carbonate. Cut by numerous thin carbonate fractures and veinlets subparallel to foliation at 65-70° to core axis. Includes minor mafic ash to lapilli tuff and amphibolite.								
			170.2-173.5 - Medium grey, fine to medium grained intermediate (granodiorite?) dyke with 1% fine grained disseminated pyrite.								
			201.3-217.8 - Mafic volcanic with carbonate alteration and bleaching associated with numerous fractures and veinlets generally subparallel to foliation.	B3266	201.3	207.0	5.7	Trace			
				B3267	207.0	211.7	4.7	Trace			
				B3268	211.7	217.8	6.1	Trace			
			220.8-221.7 - Feldspar porphyry dyke.								
			229.4-235.6 - Feldspar porphyry dyke.								
			238.5-240.7 - Feldspar porphyry dyke.								
			248.5-249.3 - Feldspar porphyry dyke.								
294.0		END OF HOLE									

Alexander

Lat. 60+00 S
Dep. 22+35 E
Az. 040°

DDH PH-10 (-50°)



B3263 - Tr. - 0.028/2.7' – Sample number - Au. oz./ton - Cu. in % / Length in feet

LEGEND

✓✓✓✓	DYKE
4	GRANODIORITE
3	GREYWACKE
2	TUFF
1	VOLCANIC ROCKS
Q.V.	QUARTZ VEIN
⫽⫽	SHEAR ZONE
f, i, m	FELSIC, INTERMEDIATE, MAFIC
3py	3% PYRITE

Teck Explorations Limited
PIDGEON HYNDMAN PROPERTY
Vertical Section
DDH PH-10
1"=50'
Sept 1984

Ministry of Natural Resources
Ontario

Report of Work

Assess file
HYNDMAN TWP
151.85

Mining Act

52F09SE0013 13 HYNDMAN

900

Name and Postal Address of Recorded Holder

ALEXANDER GLATZ — H 8691

15 PARK CRESCENT, DRYDEN, ONT. P8N 1T7

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 455

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.
K	533290	40
	590314	150
	561295	125
	594454	140

Mining Claim Prefix	Mining Claim Number	Work Days Cr.

Mining Claim Prefix	Mining Claim Number	Work Days Cr.

JUN 29 1985
RECEIVED

All the work was performed on Mining Claim(s): K 733131, 533290, 533405, 733139, 590314

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

HOLE PH 1	K 533290.	255 FEET ✓
HOLE PH 2	— " —	216 FEET ✓
HOLE PH 3	— " —	225 FEET ✓
HOLE PH 4	K 533405.	333 FEET ✓
HOLE PH 5	K 590314.	215 FEET ✓
HOLE PH 6	— " —	225 FEET ✓
HOLE PH 7	— " —	151 FEET ✓
HOLE PH 8	— " —	151 FEET ✓
HOLE PH 9	K 733131.	303 FEET ✓
HOLE PH 10	K 733139	294 FEET ✓
		2368 FEET

RECEIVED
MINING DIV.
JUN 25 1985
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Date of Report: JUNE 8/85

Recorded Holder (Signature): Alexander Glatz

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

ALEXANDER GLATZ, 15 PARK CRESCENT, DRYDEN, ONT. P8N 1T7

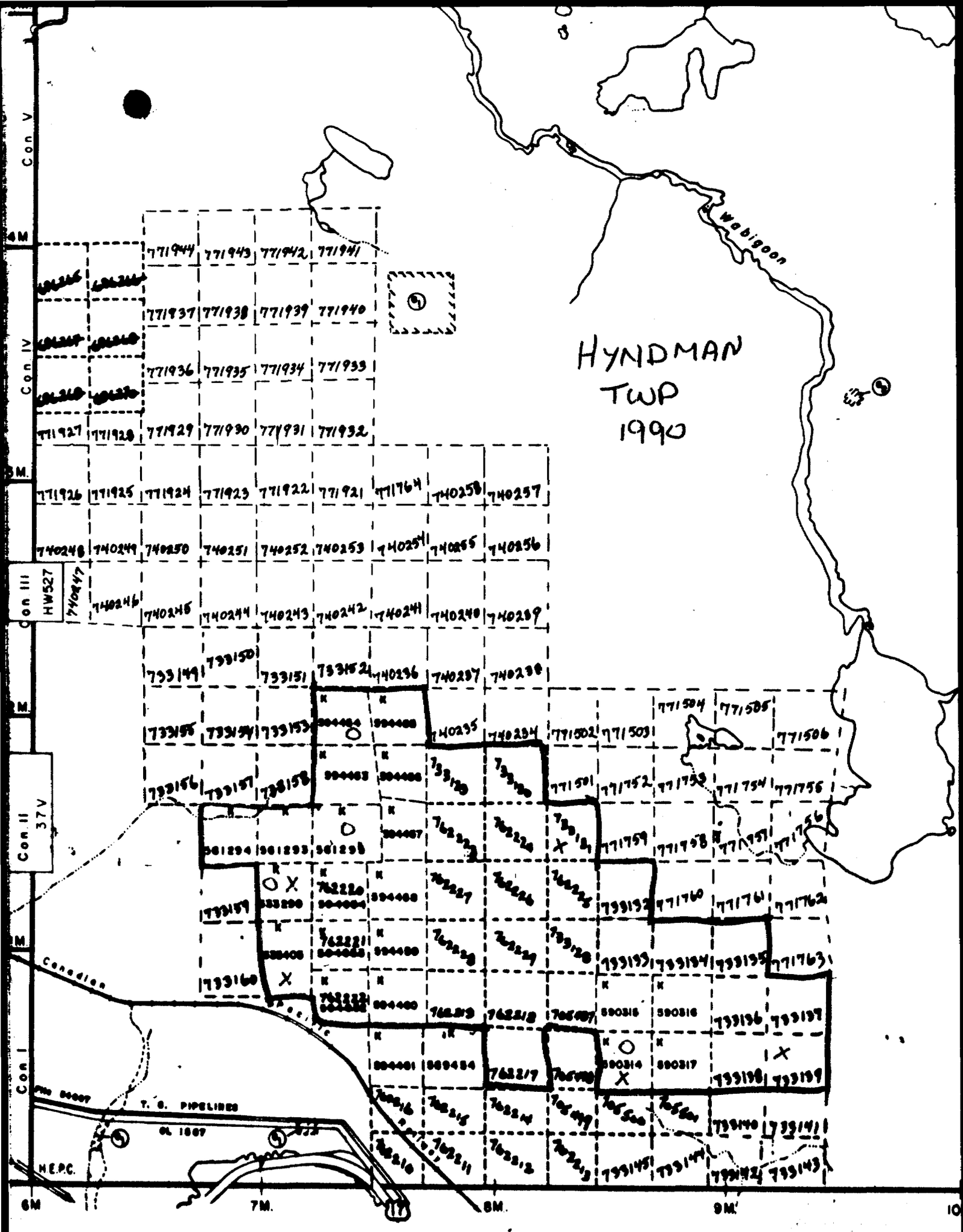
Date Certified: JUNE 8/85

Certified by (Signature): Alexander Glatz

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. 533290	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) **in duplicate**
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (81/3)


HYNDMAN
TWP
1990
Wabigoon
Con V
Con IV
Con III
HW527
Con II
37V
Con I
4M
3M
2M
1M
Canadian
T. C. PIPELINES
H.E.P.C.
6M
7M.
8M.
9M.
10

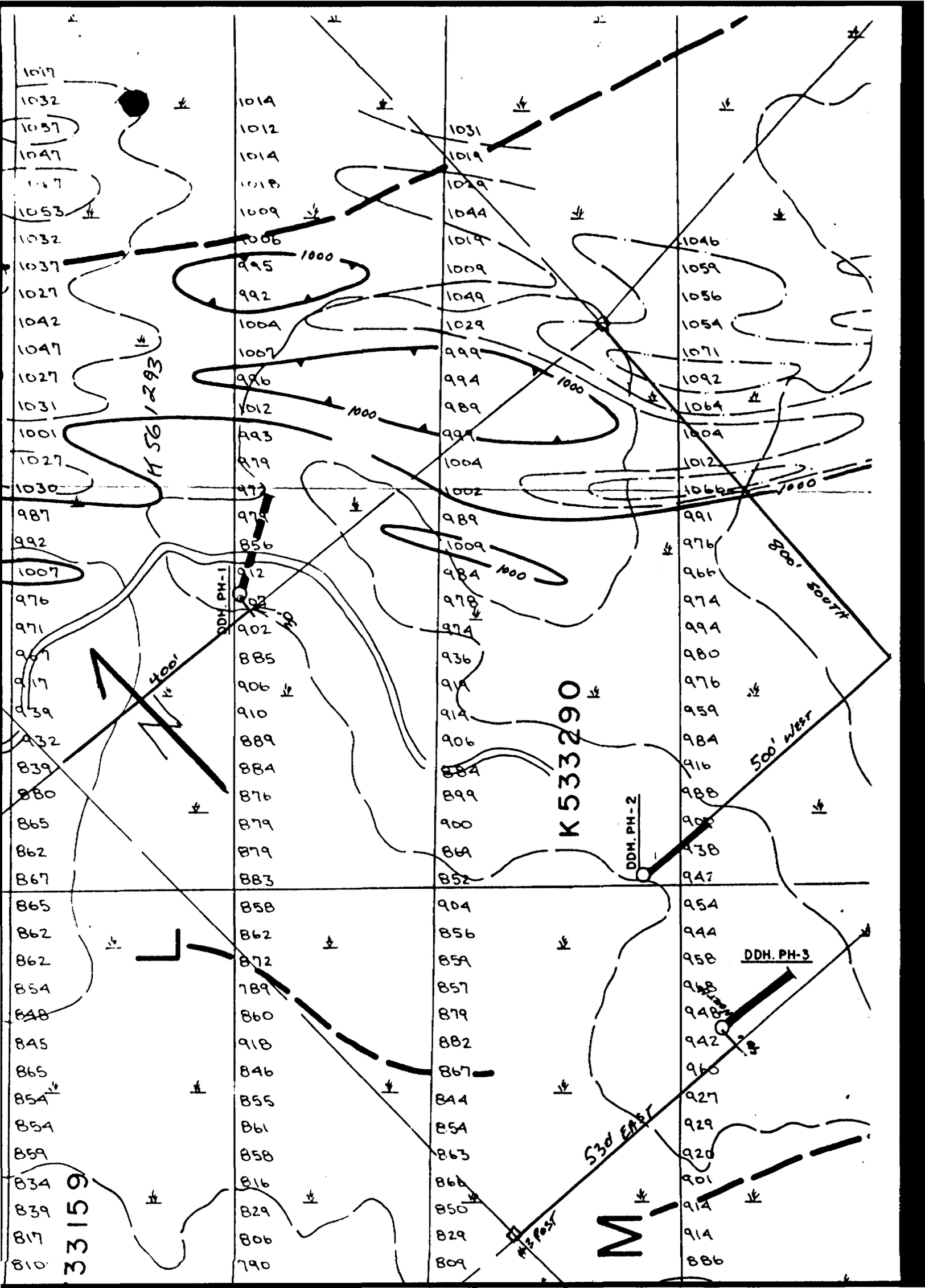
HODGSON TWP.

SUPPLEMENT TO ASSESSMENT DATA
HYNDMAN TWP.

LOCATION OF DRILL HOLES :

P.H. 1	CLAIM K 561293	400' EAST OF #3 POST	30' NORTH
P.H. 2	CLAIM K 533290	800' SOUTH OF #1 POST	500' WEST
P.H. 3	CLAIM K 533290	530' EAST OF #3 POST	40' NORTH
P.H. 4	CLAIM K 533405	180' SOUTH OF #1 POST	90' WEST
P.H. 5	CLAIM K 590314	300' EAST OF #4 POST	400' SOUTH
P.H. 6	CLAIM K 590314	280' EAST OF #4 POST	380' SOUTH
P.H. 7	CLAIM K 590314	300' EAST OF #4 POST	300' SOUTH
P.H. 8	CLAIM K 590314	380' EAST OF #4 POST	420' SOUTH
P.H. 9	CLAIM K 733131	700' EAST OF #3 POST	200' NORTH
P.H. 10	CLAIM K 733139	280' SOUTH OF #4 POST	20' EAST

SUBMITED BY: ALEX GLATZ
15 PARK CRESCENT
DRYDEN, ONT.
P8N 1T7


1000
1000
1000
1000
K 56 1293
K 53290
K 53150
DDH. PH-1
DDH. PH-2
DDH. PH-3
400'
500' SOUTH
500' WEST
53d EAST
N
L
M