

AMOND DRILLING

AREA: NORTH BAY

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WORK PERFORMED FOR: Placer Dome Inc.

RECORDED HOLDER: Same as Above (xx) : Other ( )

<u>Claim No.</u>	Hole No.	Footage	Date	<u>Note</u>
TB836034	282-033	224.Om	Jan/89	(1)
TB836040	282-034	191.Om	Jan/89	(1)
	282-035	224.Om	Jan/89	(1)
TB927579	282-036	206.Om	Jan/89	(1)
TB927582	282-037	218.Om	Jan-Feb/89	(1)
TB927584	282-038	200.Om	Feb/89	(1)
TB836025	282-039	200.Om	Feb/89	(1)
TB913013	282-040	155.Om	Feb-Mar/89	(1)
	в	1618 N	1	

PLACER DOME INC. REF CORD: 10300.0 7900.0 SURVEYED: NO DIAMOND DRILL RECORD HOLE NO: 282-033 LOCATION: 3+00N L21+00W GRID: KEEZHIK LAKE GRID PROPERTY: PROJECT 282 KEEZHIK LAKE, ONT POST LOCATION: 15 METRES EAST AND 218 METRES SOUTH TO POST #2 OF TB836034 SECTION: AZIMUTH: 325.0 LENGTH: 224.0 ELEVATION: .0 LOGGED BY: P.LINDSAY DIP: -45.0 CORE SIZE: BO SYSTEM OF MEASURE: METRIC DATE LOGGED: JANUARY 19,20,21,22 1989 Paul Brown STARTED: JANUARY 19,1989 COMPLETED: JANUARY 21,1989 CLAIM NO: TB836034 DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 75.00 -43.0 224.00 -47.0 150.00 -43.0 FROM TO -----DESCRIPTION-----SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE 4.05 OVERBURDEN AND CASING .00 19.33 BASALT FLOW 4.05 This unit is dark green, medium grained to coarse grained Weakly to moderately magnetic throughtout in texture. this unit. Poorly to weakly foliation with several carbonate stringers present. Sulphide contant varys from 1% to 2% pyrite located as finely disseminated to cubic in nature. There is approximately 3 quartz veins present in this From 12.46 to 12.52 metres a 6 cm quartz vein with unit. 1% pyrite, upper and lower conacts at 40 degrees to the core axis. At 14.24 metres a 5 cm quartz vein barren of sulphides, 18.98 metres present is a crystalline quartz vein with trace pyrite. Lower contact of this unit is at 30 degrees to the core axis adjacent to a felsic dyke. 9.04 10.04 BASALT FLOW, slightly foliation at 45 degrees D65301 9.04 10.04 1.00 to the core axis 2% to 3% pyrite, 12,40 13,40 BASALT FLOW, with 5 cm quartz vein also 1% D65302 12.40 13.40 1.00 finely disseminated pyrite. 18,85 19,33 BASALT FLOW, 4 cm quartz vein 1% pyrite upper D65303 18,85 19.33 .48 contact with FELSIC DYKE. 19.33 20,60 FELSIC DYKE The FELSIC DYKE is fine grained, light to medium grey

The FELSIC DYKE is fine grained, light to medium grey massive with white feldspar crystals. This crystals are poorly developed and measure 1-2 mm in size. They are located in a fine grained matrix, also present is trace amounts of finely disseminated pyrite found locally.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE	
		Upper and lower contacts with mafic flows are at 30 degrees to the core axis. 19.33 20.60 FELSIC DYKE, 1% finely disseminated pyrite.	D65304	19.33	20,60	1.27			
20.60	36.22	<ul> <li>BASALT FLOW</li> <li>This unit is quite similar to the unit found through 4.05 to 19.33 metres. It is light to medium green, with a mottled tone located in the coarse grained section of this unit.</li> <li>Massive to weakly foliation determined predominetly due to the carbonatized section of this unit.</li> <li>From 20.60 metres to 28.36 metres unit is medium grained and slightly magnetic. Along this section a few carbonate stringers present containing trace pyrite.</li> <li>At 28.36 metres to 29.23 metres unit becomes moderately foliation and carbonate rich with 1% to 2% finely disseminated pyrite, location. This unit then changes into a coarse grained flow with 1-3 mm amphibole crystals. Very few carbonate stringers are present and unit becomes massive.</li> <li>28.36 29.23 BASALT FLOW weakly foliation and carbonate rich 2% 1 pyrite.</li> </ul>	D65305	28,36	29,23	.87			
36.22	37,72	FELSIC DYKE Unit is medium to dark grey, very fine grained and massive. Present is crystalls 1 mm in size with abundent white feldspar crystalls poorly developed. Unit is quite silicified with minor quartz-carbonate stringers, trace pyrite visible. Upper contact with coarse grained flow is at 20 degrees to the core axis. Lower contact is at right angles degrees to the core axis. 36.22 37.72 FELSIC DYKE, with trace pyrite.	D65306	36.22	37.72	1.50			
37.72	40,33	BASALT FLOW Unit is light to medium green, fine grained moderately foliation at 45 degrees. Unit consists of approximately 10% carbonate located as stringers and irregular veinlets. 1% Py located locally. 39.33 40.33 BASALT FLOW, 1% pyrite in a carbonate rich section.	D65307	39.33	40.33	1.00			
40,33	46.07	FELSIC DYKE Unit is medium to dark grey, fine grained and massive. White feldspar crystalls are present sparely througthout							



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section,

From 41.30 to 42.78 metres the unit becomes abundant in the amount of carbonate mainly located as stringers and along fractures. Trace sulphides present locally.

## 46.07 102.14 BASALT FLOW

TO

Unit is light to medium green with a varying medium to coarse grained texture.

The unit is medium to weakly foliation in distinct locations. Carbonate tends to increase in the foliation section of this unit.

Pyrite is present location as finely disseminated to cubic. Througth 49.57 metres to 52.37 metres unit becomes moderately schistose with schistosity parallel to core axis. Along this moderately sheared section is narrow carbonate stringers containing fine pyrite.

Section through 52.43 to 74.91 metres unit becomes massive with less carbonate stringers.

The unit changes into a coarse grained flow with large 5 mm to 1cm amphibole crystalls intermixed with white feldspar specks. This section is barrin of sulphides.

74.91 Metres section becomes less coarse grained throught a graditional change.

From 74.91 metres to 79.08 metres is a medium grained section with abundent carbonate stringers and blebs.

At 78.88 to 79.08 metres a alteration zone, silica and feldspar rich with minor pyrite present.

Through 79.08 metres to 86.07 metres unit becomes coarse grained with the lack of carbonate stringers. Amphibole crystalls are poorly developed through this section ranging in size to 3mm to 5mm, 1% pyrite is found location in cubic state. At 86.0 to 87.46 metres section is saturated in numerous carbonate stringers and veinlets.

A great number of veinlets are found running parallel to core axis while others cut at irregular angles. Sulphides do not tend to be assolated within the veinlets but rather found in the ajoining wallrock. Less than 1% pyrite finely disseminated is found along section 86.07 to 87.46 metres.

87.46 to 94.60 metres unit becomes fine grained with weak foliation visible also are several stringers at 45 degrees to the core axis.

At 92.13 metres is a 2 cm wide quartz-carbonate very with 2% 3% pyrite present along very selvage.

Between 94.60 to 102.38 metres unit once again becomes massive, coarse grained few carbonate stringers void of sulphides.

From 101.38 to 102.14 metres section is somewhat

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		tuffaceous in appearance with a moderate foliation at 45 degrees to the core axis. Silica contant through this section is rich also the section is high in carbonate with the presents of finely disseminated pyrite found location. This section appears to be altered due possibly to the fact it lies above an atacent felsic dyke.						
		49.57 50.57 BASALT FLOW, carbonate rich, 1% pyrite.	D65308	49,57	50.57	1.00		
		50.57 51.57 BASALT FLOW, carbonate rich, schistose 1% pyrite.	D65309	50,57	51,57	1.00		
		51.57 52.43 BASALT FLOW, carbonate rich >1% pyrite.	D65310	51,57	52,43	.86		
		77.00 78.00 BASALT FLOW with carbonate rich stringers trace pyrite.	D65311	77.00	78,00	1.00		
		78.00 79.08 BASALT FLOW with a 20 cm quartz-feldspar section, trace pyrite.	D65312	78,00	79,08	1.08		
		86.07 87.46 BASALT FLOW, carbonate rich with 1% pyrite.	D65313	86.07	87.46	1.39		
		91.53 92.53 BASALT FLOW, fine grained 2% 1 pyrite located	D65314	91,53	92.53	1,00		
		101.38 102.14 BASALT FLOW slightly tuffaceous, 1% pyrite.	D65315	101,38	102.14	.76		
102.14	107.82	FELSIC DYKE FELSIC DYKE is a fine grained, light to medium grey massive with 5% white feldspar crystalls. These crystalls are poorly developed and located in a silica, biotite rich matrix. Minor fine pyrite is dispersed locally. Upper and lower contacts with the mafic flows are at 30 degrees to the core axis.						
107.82	119.49	BASALT FLOW This unit is comprised of coarse grained and medium grained flows. Unit is medium to dark green with a mottled tone. Unit is massive with numerous areas having a weak foliation In the unit there are minor carbonate stringers present, void of sulphides. But within the mafics there is 1% or less finely to cubic pyrite present. 116.30 117.30 BASALT FLOW with 1% pyrite.	D65316	116.30	117.30	1.00		
119.49	125.41	INTERMIXED MAGNETITE CHERT IRON FORMATION AND BASALT TUFF Unit is light grey to a medium green, fine grained texture. Banding within the MAGNETITE CHERT AMPHIBOLE IRON FORMATION section is variable from 90 to 45 degrees to the core axis. Intermixed bands of chert, chlorite and magnetite are present. With the chert making-up about 80% of the iron formation sections.						

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EDOM	TO		C MOI 5	TROM	TO	IENCTU	No of PEDIM	DE TECT	NUERACE	
FROM	ΤΟ	Beds also vary in thickness predomainately chert beds are the widest 3cm-5cm, chlorite 1-2cm width and bands of magnetite. Sulphides within the iron formation are located along bedding planes of chlorite and magnetite. Minor sulphides are found within the chert bands and 3%-5% pyrrhotite mixed with pyrite as stringers is along contacts with chlorite bands. Also present is trace amounts of chalcopyrite. At 119.62 metres a 2 cm band containing 80% pyrrhotite and 5% pyrite, 45 degrees to the core axis. Between 120.90 metres to 124.85 metres section is BASALT TUFF, light to medium green with weak foliation at 30 degrees. 1-2% Fine biotite present with numerous carbonate stringer also found is trace amounts of fine pyrite. Through 124.75 metres to 125.41 metres the iron formation is reinstated, it is quite similar to the section at 119.49 to 121.90 m. In this lower iron formation the greater quantity of sulphides is predomainatey pyrite. 119.49 120.49 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with 5% 2 pyrrhotite and pyrite also trace amounts of chalcopyrite. 121.90 122.90 BASALT TUFF with trace pyrite. 121.90 122.90 BASALT TUFF, trace pyrite. 123.90 123.90 BASALT TUFF, trace pyrite. 123.90 124.85 BASALT TUFF, trace pyrite. 124.85 125.41 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, 3%	SAMPLE D65317 D65318 D65320 D65321 D65322	119.49 120.49 121.90 122.90 123.90 124.85	TO 120.49 121.90 122.90 123.90 124.85 125.41	LENGTH 1.00 1.41 1.00 1.00 .95 .56	Au g/t RERUN	REJECT	AVERAGE	
125.41	129,72	2 pyrite and pyrrhotite stringers. FELSIC DYKE This felsic dyke is light pale grey very fine grained and massive. Dyke is quite silicified, about 20% quartz crystalls and 2% white poorly developed feldspar crystalls located in a fine grained matrix. Upper contact is at 45 degrees and lower contact is at 85 ca. Pyrite is located as a plately form along fractures and as finely disseminated. 128.72 129.72 FELSIC DYKE with 1% fine pyrite.	D65323	128.72	129.72	1.00				
129.72	131,32	MAGNETITE CHERT AMPHIBOLE IRON FORMATION Unit is light grey to black in section, Poorly developed banding unit is moderately magnetic. Chert is predomainate within this unit with intermixed								

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT	AVERAGE
		<ul> <li>beds of chlorite and magnetite.</li> <li>Blebs of pyrite and pyrrhotite stringers are found within this unit.</li> <li>2% to 3% pyrite and pyrrhotite is present also trace amounts of chalcopyrite visible.</li> <li>129.72 130.72 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, 3%</li> <li>2 pyrite and pyrrhotite, trace chalcopyrite.</li> <li>130.72 131.32 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, 3% sulphides, and a 2 cm quartz very at 131.09.</li> </ul>	D65324 D65325	129.72 130.72	130.72 131.32	1.00			
131.32	137.15	BASALT TUFF Unit is light to medium green with a weak foliation. Present are several carbonate veinlets and stringers within this unit. From 131.32 to 132.02 metres section has been under alteration making the section silicified and pale green. The section also is chlorite rich with small inlayed feldspar crystalls visible. Pyrite is found location in the cubic state also in small blebs and finely disseminated. At 134.21 metres is a 6 cm felsic dyke cutting the unit at right angles degrees to the core axis. Dyke is silicified and fine grained containing 1% cubic pyrite. 134.00 135.00 BASALT TUFF, with 2% quartz veining 1% pyrite and a 6 cm wide FELSIC DYKE. 136.15 137.15 BASALT TUFF, with 2 cm wide quartz vein 1% to 2% cubic pyrite.	D65326 D65327	134.00 136.15	135.00 137.15	1.00			
137.15	143.02	FELSIC DYKE Unit is light to medium grey, massive fine grained and silicified. White irregular feldspar crystalls intermixed with quartz crystalls located in a silica, biotite rich matrix. Upper contact is at 45 degrees to the core axis with the lower contact at 70 degrees. Sulphides contant is somewhat higher than in previous dykes in this hole. 140.00 141.00 FELSIC DYKE, with 3% 2 pyrite.	D65328	140.00	141.00	1.00			
143.02	165.94	MIXED BASALT TUFF AND FELSIC DYKE Unit is a series of basalt tuffs with numerous felsic dykes present. Unit is medium green, fine grained to medium grained with a poor to weak foliation. At 144.06 metres is a 2 cm narrow FELSIC DYKE intersecting							

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FROM	to To	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT	average
		the mafics at 15 degrees to the core axis. Throught 146.40 metres to 148.32 metres section has become altered with the present of felsic veinlets. Also this portion had been fracture but filled with quartz-carbonate. At 149.74 metres is a 20 cm irregular quartz vein. Vein contains implanted mafics from adjacent wallrock. Also noticed is trace pyrite through this section. Between 150.02 metres to 150.76 metres is a felsic dyke, similar to the other ones found in this section. Upper contact and lower contact at 45 degrees to the core axis. At 152.26 metres is another 6 cm felsic dyke, minor sulphides is present. The remainder of this section is made up of 30% felsic dyke and 70% basalt tuff. No sulphidized areas of interest. 147.32 148.32 BASALT TUFF minor felsic alteration, minor pyrite. 149.52 150.02 BASALT TUFF with a 20 cm quartz vein with mafic inclusions.	D65329 D65330	147.32 149.52	1 <b>48.32</b> 150.02	1.00 .50			
165.94	176.42	2 FELSIC DYKE Unit is medium grey to dark grey, massive with the lack of any quartz veins or carbonate stringers. The unit is composed of 1 mm to 3 mm white poorly developed feldspar crystals. These phenocrysts are in a fine grained siliceous matrix with 1% to 2% biotite. Sulphides within this unit vary from trace to 1% pyrite, locally finely disseminated. 167.72 168.72 FELSIC DYKE with 1% finely disseminated pyrite. 173.58 174.58 FELSIC DYKE with less than 1% pyrite.	D65331 D65332	167.72 173.58	168.72 174.58	1.00			
176.42	224.00	BASALT FLOW The unit is medium green to dark green, massive to weakly foliated. Some areas within this unit have been altered							

with felsic stringers being present. There are numerous carbonate stringers and veinlets scattered throughout this unit, however they are void of sulphides. Located at 183,38 metres is a 30 cm irregular quartz vein. Within the vein there is 5% felsic minerals, 1% to 2% pyrite and trace pyrrhotite. Between 189,50 metres to 191,00 metres the section has under gone felsic alteration and is

Sulphides in this section vary from trace to 1% finely disseminated pyrite. From 191,00 m to 196,02 m the section is massive, fine grained with less than 1%carbonate stringers. At 195,28 m a 10cm felsic dyke with trace pyrite. Upper contact and lower contact at 45

siliceous ,

several narrow carbonate veinlets.

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FROM TO -----DESCRIPTION-----LENGTH Au g/t RERUN REJECT AVERAGE SAMPLE FROM TO degrees to the core axis. Between 196,02 m and 203,49 m the flow contains 20% felsic alteration. 1% to 2% carbonate stringers. At 196.34 m is a 5 cm felsic dyke with trace pyrite. Upper contact and lower contact at 45 degrees to the core axis. At 197,58 m is a quartz vein with crystalline texture and void of sulphides. From 203.49 m to 205.59 m there is a fine grained felsic dyke similar to other dykes found in this hole.Dyke has 1% fine to cubic pyrite in a silica rich matrix. From 205,59 m to 206,92 m the flow is moderately foliated at 45 degrees to the core axis. Unit has 5% guartz-carbonate veins which are generally parallel to foliation. The sulphides is also parallel to foliation, fine grained and disseminated. The contact with the felsic dyke above is chloritic. The section from 206.92 m to 224.00 m has 1% to 2% felsic alteration. several quartz-carbonate stringers and veinlets which are barren of sulphides. At 216.08 m a 2 cm white quartz vein void of sulphides. 183,10 184,10 BASALT FLOW with a 30 cm irregular quartz D65333 183,10 184,10 1.00 vein, with 1% pyrite. 190.00 191.00 BASALT FLOW with felsic alteration, 2% D65334 190.00 191.00 1.00 carbonate stringers, 1% to 2% pyrite, 196.85 197.85 BASALT FLOW 20% felsic alteration, 3 cm D65335 196.85 197.85 1,00 quartz vein barren. 202.49 203.49 BASALT FLOW 3% guartz veins at 45 degrees to D65336 202,49 203,49 1.00 the core axis, 1% to 2% cubic pyrite, D65337 203,49 204,49 203,49 204,49 FELSIC DYKE, upper contact 45 degrees to the 1.00 core axis, 1% pyrite. 204,49 205,49 FELSIC DYKE, lower contact 50 degrees to the D65338 204,49 205,49 1.00 core axis. 1% fine pyrite. 205,49 206,92 BASALT FLOW with 5% carbonate veinlets and D65339 205.49 206.92 1.43 1% pyrite. 210.86 211.86 BASALT FLOW with 3% felsic alteration 2% D65340 210.86 211.86 1.00 irregular guartz veins. 224,00 END OF HOLE CASING LEFT IN THE HOLE. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING OF INTEREST,

CORE STORED AT DONA LAKE.

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DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA.

REF CORD: 10400.0 8400,0 SURVEYED: NO PLACER DOME INC.

DIAMOND DRILL RECORD

ELEVATION:

LOCATION: 6+00 N L 16+00 W GRID: KEEZHIK LAKE GRID

POST LOCATION: 33 METRES WEST AND 94 METRES NORTH TO POST #4 OF TB836040

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AZIMUTH: 325.0 LENGTH: 191.0

-45.0 CORE SIZE: BQ

COMPLETED: JANUARY 23, 1889

SYSTEM OF MEASURE: METRIC

SAMPLE

.0

FROM

CLAIM NO: TB836040 (48 M), TB927581 (136 M), TB913009 (7 M)

TO

15.45

39.00 40,00

.75

1.00

SECTION: LOGGED BY: DAVE LAUDRUM

DATE LOGGED: JANUARY 22-24, 1989

Paul Brow

LENGTH AU g/t RERUN REJECT AVERAGE

STARTED: JANUARY 22, 1989

			DIP	TESTS (c	orrected)		
DEPTH	AZIMUTH	DIP		DEPTH	<b>AZIMUTH</b>	DIP	
00,00	•	44.0		191.00	-	45.0	

FROM ŤΟ

DIP:

#### .00 11.80 OVERBURDEN

43.30 BASALT FLOW 11.80

Coarse grained, massive mafic to intermediate flow, Distinctive mottled appearace due to well defined crystals dark green chloritic amphibole and grey-white of plagioclase. 2-3 Fractures per meter of core -<2% quartz carbonate veinlets -0.5% fine disseminated pyrite. 14.70 to 15.45 dark grey, felsic, feldspar porphyry dike minor fine disseminated pyrite. 14.70 15.45 FELSIC DYKE, 0.5% pyrite. D65341 14.70 39.00 40.00 BASALT FLOW, 3 cm + 1 cm guartz vein. D65342

DESCRIPTION

#### 44,80 FELSIC DYKE 43.30

Dark grey, felsic, feldspar porphyry dike.

#### 58,70 FELSIC CRYSTAL TUFF 44.80

20% White feldspar crystals 1-8mm across, subhedral to rounded, some irregularly fractured. 10% Accicular black amphibole crystals up to 3mm long. Dark grey, aphanitic, felsic groundmass, <0.5% very fine grained disseminated pyrite. Foliation at 55 degrees to core axis defined by subparallel orientation of amphibole 'needles'. Contacts sharp but irregular. 44.80 45.80 FELSIC CRYSTAL TUFF, trace pyrite. D65343 45.80 1.00 44,80 57,70 58,70 FELSIC CRYSTAL TUFF, trace pyrite, D65344 57.70 58,70 1,00

HOLE NO: 282-034 PROPERTY: PROJECT 282 KEEZHIK LAKE PROPERTY



FROM TO DESCRIPTION SAMPLE FROM TO LENGTH AU q/t RERUN REJECT AVERAGE 66.50 RHYOLITIC ASH TUFF 58.70 20% 1-2mm, Clear, subhedral to rounded, quartz 'eyes' in a tan/grey siliceous groundmass. 1% Very fine grained disseminated pyrite. Core breaks along regular surfaces at 65 degrees to core axis. 62,00 to 63.20 is similar except that it contains 15% black ammphibole crystals 1-3mm long subhedral in contrast the rest of the unit contains no amphibole. 52.00 63.20 RHYOLITIC ASH TUFF 15% amphibole. D65345 62.00 63.20 1.20 65,50 66,50 RHYOLITIC ASH TUFF. D65346 65.50 66.50 1.00 83.55 BASALT FLOW 66.50 66,50 to 72.00 SHEAR ZONE, Sheared, chloritic-talcose mafic volcanics with 1% fine disseminated pyrite. Up to 15% quartz-carbonate veinlets weak to moderate pervasive carbonitization. 66.6 to 66.72 is a massive, milky white, quartz vein contacts at 65 degrees to core axis. 69.95 to 71.85 strongly sheared and broken, weakly cemented by carbonate, 5% quartz vein fragments core badly ground over this interval, 30% of core lost as mud. 67.00 66,50 67.00 BASALT FLOW, sheared, 12 cm guartz vein. D65347 66.50 .50 67.75 67.00 67.75 BASALT FLOW, sheared. D65348 67.00 .75 67,75 68,35 RHYOLITIC ASH TUFF. D65349 67.75 68,35 ,60 68,35 69,95 BASALT FLOW, sheared, 15% 2 1 cm guartz vein, D65350 68.35 69.95 1.60 1% pyrite, carbonate, 69,95 71,85 BASALT FLOW, sheared, carbonate, 30% core loss, D65351 69,95 71,85 1,90 71.85 73.00 BASALT FLOW, 5% quartz vein, 0.5% pyrite, 73.00 D65352 71.85 1.15 carbonate. 74.00 73.00 74.00 BASALT FLOW, 3% quartz-carb veinlets, carbonate D65353 73,00 1.00 74.00 75.00 BASALT FLOW, 3% quartz-carb veinlets. D65354 74.00 75.00 1.00 76,00 77,00 BASALT FLOW, 3% guartz-carb veinlets, 77.00 1.00 D65355 76.00 77.00 78.00 BASALT FLOW, 15% guartz-carb veinlets. D65356 77,00 78.00 1,00 82.40 83.55 BASALT FLOW, 5% quartz-carb veinlets. D65357 82,40 83,55 1.15 83.55 85,60 CHERT SULPHIDE AMPHIBOLE IRON FORMATION CONDUCTOR AND MAG HIGH. 25% Grey-white chert bands and fragments. 50% Dark green, fine grained, chloritic amphibole (soft, easily scratched). 25% Pyrite occuring within fine chloritic amphibole as 40% 1-3mm cubes and 60% closely spaced disseminated grains. 5% 2-5mm Black magnetite bands and fragments, Intervals containing finely disseminated pyrite in



FROM	то	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		concentrations greater than 10% are HIGHLY CONDUCTIVE. 83.55 84.55 CHERT SULPHIDE AMPHIBOLE IRON FORMATION, described above. 84.55 85.60 CHERT SULPHIDE AMPHIBOLE IRON FORMATION, described above.	D65358 D65359	83.55 84.55	84.55 85.60	1.00 1.05		
85,60	95.20	FELSIC CRYSTAL TUFF Same as 44.80 to 58.70. Upper 40cm of unit is weakly sheared and contains 1% pyrite 89.45 to 90.00 is weakly sheared, contains 1% pyrite. 85.60 86.60 FELSIC CRYSTAL TUFF weak shear, 1% pyrite. 86.60 87.60 FELSIC CRYSTAL TUFF with 3 8 mm quartz vein, pyrite. 89.25 90.25 FELSIC CRYSTAL TUFF weak shear, 1% pyrite. 92.75 93.75 FELSIC CRYSTAL TUFF with 2 cm quartz vein, pyrite.	D65360 D65361 D65362 D65363	85.60 86.60 89.25 92.75	86.60 87.60 90.25 93.75	1.00 1.00 1.00 1.00		
95.20	99.20	BASALT TUFF Foliation at 75 degrees is defined by alignment/stretching of chloritic (green-dark green-black) lithic fragments. 3-5% 1 Mm bright blue rounded quartz eyes. Minor carbonate 'cement' between fragments, 5% white quartz-carb stringers. 1% Fine to coarse disseminated pyrite.						
<b>99</b> .20	141.00	<ul> <li>BASALT FLOW</li> <li>Upper contact gradational (over 1 meter) with overlying tuffs.</li> <li>Sequence of massive, coarse grained, weakly to non-foliated, moderately to strongly magnetic mafic flows.</li> <li>0.5 to 2% fine grained pyrite and 1-2% very fine grained pyrrhotite.</li> <li>Minor gradational changes in grain size between flows.</li> <li>111.50 112.00 BASALT FLOW with 2 cm quartz vein, pyrite.</li> <li>131.00 132.00 BASALT FLOW foliated, 2% pyrite, 1% pyrrhotite, 10% quartz-carb veinlets.</li> <li>133.75 134.75 BASALT FLOW foliated, 2% pyrite, 1% pyrrhotite, 10% quartz-carb veinlets.</li> <li>134.75 135.75 BASALT FLOW 1% pyrite, 3% pyrrhotite, 2% quartz vein.</li> </ul>	D65368 D65369 D65370 D65371	111.50 131.00 133.75 134.75	112.00 132.00 134.75 135.75	.50 1.00 1.00 1.00		
141.00	147.85	RHYOLITIC ASH TUFF Same as 58,70 to 66,50,						

147.00 to 147.85 70% quartz veining and silicification, 2 generations of quartz, 3% coarse pyrite.

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FROM TO -----DESCRIPTION-----LENGTH Au g/t RERUN REJECT AVERAGE SAMPLE FROM TO 146.85 147.85 BASALT FLOW 5E, 70% quartz vein, 3% pyrite. D65372 146.85 147.85 1.00 147.85 175.00 BASALT FLOW Medium to coarse grained flow with up to 2% pyrite, non-magnetic. 151.00 152.00 BASALT FLOW 15% quartz-carb veinlets, 1% D65373 151,00 152,00 1.00 pyrite, minor pyrrhotite. 175.00 181.65 RHYOLITIC ASH TUFF Same as 58.70 to 66.50. Massive milky white quartz veins with 2% chloritic streaks and 0.5% pyrite along fractures occur over the following intervals: 175,80-175,88 and 176,18-176,30 anđ 178.80-178.90 and 179.20-179.26 and 179.70-180.15. 175,80 176.40 RHYOLITIC ASH TUFF with 8 + 12 cm guartz D65375 175.80 176.40 .60 vein, pyrite. 178,75 179.40 RHYOLITIC ASH TUFF with 10 + 6 + 1 cm quartz D65376 178,75 179,40 .65 vein, pyrite. 179.40 180.25 RHYOLITIC ASH TUFF with 45 cm quartz vein, D65377 179,40 180,25 .85 pyrite. 181.65 191.00 BASALT FLOW Coarse grained, non-magnetic flow with 0.5% py. 191,00 END OF HOLE CASING LEFT IN HOLE. DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING

OF INTEREST.

CORE STORED AT DONA LAKE MINE, PICKLE LAKE, ONTARIO.

10500.0 8600.0 SURVEYED: NO DIAMOND DRILL RECORD DO N L 14+00 W GRID: KEEZHIK LAKE GRID

224.0

COMPLETED: JANUARY 26, 1989

HOLE NO: 282-035 PROPERTY: PROJECT 282 KEEZHIK LAKE PROPERTY SECTION:

LOGGED BY: DAVE LAUDRUM

DATE LOGGED: JANUARY 25-26, 1989

Paul Brow

TO LENGTH Au g/t RERUN REJECT AVERAGE

### .00 38,21 OVERBURDEN

38,21 56.45 BASALT FLOW Massive medium grained flows, weakly foliated at 55-65 degrees to core axis, 0.5% coarse disseminated pyrite. 38,21 To 39.30 and 46.60 to 48.30 moderately sheared, foliation surfaces have a 'greasy' feel due to development of talcose minerals, Weakly fractured -2% guartz-carbonate veinlets. Assay lab reported that sample D65379 contained metallic gold. 54,60 to 54,75 massive milky white guartz vein, 10% chloritic patches, 0.5% py, contacts sharp but irregular. 38,21 39,30 BASALT FLOW sheared, talcose, 1% pyrite. D65378 38.21 46,60 46,60 47,60 BASALT FLOW sheared, talcose, 1% pyrite, 6 cm D65379 quartz vein, 8 cm FELSIC DYKE. 47,60 48.30 BASALT FLOW sheared, talcose, 1% pyrite. 47,60 D65380 54,00 55,00 BASALT FLOW with 15 cm guartz vein, pyrite, D65381 54,00 56.45 60.55 MAGNETITE CHERT AMPHIBOLE IRON FORMATION banded chert/magnetite/chloritic amphibole iron Well formation, banding at 65 degrees to core axis. 56.45 to 59.00 composed of: 40% magnetite, 40% grey-white chert, 17% dark green chloritic amphibole, 2% coarse pyrite, 1% pyrrhotite. 59,00 to 60.55 composed of: 5% magnetite, 40% grey-white chert, 50% chloritic amphibole, 2% pyrite, 3% carbonate stringers. Sulfides are secondary, occuring for the most part along fractures in more competent layers and as disseminations

PLACER DOME INC.



-45.0 CORE SIZE: BO

POST LOCATION: 20m NORTH AND 46m EAST TO POST #1 OF TB 836040

STARTED: JANUARY 24, 1989

325.0

REF CORD:

AZIMUTH:

FROM

DIP:

LOCATION: 5+00 N

DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100.00 -42.0 224.00 -44.0

TO ..... DESCRIPTION ...... SAMPLE

LENGTH:

DIP TESTS (corrected) DEPTH AZIMUTH DIP

ELEVATION:

SYSTEM OF MEASURE: METRIC

.0

CLAIM NO: TB 836040 (64 M), TB927580 (160 M)

39.30 1.09

1.00

1,00

.70

47.60

48.30

55,00

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HOLE NO: 282-03 PAGE NO: 2

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		within chloritic amphibole bands. Sulfides appear to have been introduced rather than developed as a result of sulfidation in-situ magnetite lavers						
		56,45 57,45 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above.	D65382	56,45	57,45	1.00		
		57,45 58,45 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above.	D65383	57,45	58,45	1.00		
		58,45 59,30 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above.	D65384	58,45	59,30	.85		
		59,30 60,55 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above.	D65385	59,30	60,55	1,25		
60.55	194.75	<ul> <li>BASALT FLOW</li> <li>Massive, non-foliated, weakly fractured, moderately magnetic, coarse to medium grained flows.</li> <li>2% Quartz-carbonate stringers.</li> <li>1-3%. Coarse disseminated pyrite, 1% irregularly disseminated fine grained pyrhotite.</li> <li>Minor 1mm disseminated magnetite grains.</li> <li>3% Dark brown, medium grained hydrothermal blotite occurs in concentrated patches -ex: 85.5 to 86.0.</li> <li>2% Bright blue, rounded, 1mm quartz eyes.</li> <li>At 102.1 to 102.4 a 1cm quartz vein at 20 degrees to core axis is kink folded with axis perpenicular to core axis.</li> <li>109.90 to 110.40 massive, milky white quartz vein, 0.5% pyrite 'smeared' along fracture surfaces.</li> <li>Upper contact at 20 degrees to core axis, a 5mm x 40mm patch of massive pyrrhotite along the contact contains minor chalcopyrite and galena along a fracture surface.</li> <li>111.35 to 111.55 massive milky white quartz vein with trace pyrite upper contact 40 degrees to core axis lower contact 55 degrees to core axis.</li> <li>115.40 to 117.10 biotite rich (15%) flow.</li> <li>129.40 to 130.4 core cuts the edge of a quartz vein at 10 degrees to core axis, vein at least 2cm wide.</li> <li>Vein contains 1% pyrite along fractures and in assn. With chloritic fragments.</li> <li>A 5mm x 25mm patch of massive pyrrhotite at 129.80 contains minor chalcopyrite.</li> <li>145.50 to 146.90 biotite rich (15%) flow, foliation at 70 degrees to core axis.</li> <li>158.30 158.60 White quartz vein at 35 degrees to core axis.</li> <li>170.50 to 171.45 is a biotite rich flow with 2% pyrite,</li> </ul>						

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g∕t RERUN	REJECT	AVERAGE
		171.45 to 171.57 is a zone of pink quartz-carbonate							
		replacement.							
		Between 180.0 and eoh the volcanics contain 3-5% white							
		quartz-carbonate stringer at random angles to core axis.	D65206	00 50	P1 60	1 00			
		0.50 of 50 bhondi ruow 2 i cm quarce vent, 1% pyrice,	000000	60,50	91,50	1,00			
		84 00 85.00 BASALT FLOW 2% fine grained pyrite	D65387	84.00	85.00	1.00			
		89.00 89.50 BASALT FLOW with 2 cm muartz vein at 20 dcax.	D65388	89.00	89.50	.50			
		94.80 95.80 BASALT FLOW 1% pyrrhotite, 2% pyrite, 10%	D65389	94,80	95,80	1.00			
		quartz vein at 20 dcax,							
		101.50 102.50 BASALT FLOW with 1 cm quartz vein, pyrite,	D65390	101.50	102,50	1.00			
		pyrrhotite.							
		109.80 110.50 BASALT FLOW with 50 cm quartz vein, minor	D65391	109.80	110,50	.70			
		pyrite + pyrrhotite, trace chalcopyrite + galena.							
		111.00 112.00 BASALT FLOW 0.5% magnetite, 0.5% pyrite, 15	D65392	111.00	112,00	1,00			
		cm quartz vein.	D(5303	116 10	117 10	1 00			
		110.10 117,10 BASALI FLOW, DIOTICE, 1% pyrite.	D60393	120.20	120 50	1 20			
		158 20 159 00 BASALT FLOW with 30 cm quartz vein purite	D653951	158 20	159 00	1.20			
		170.50 171.57 BASALT FLOW, biotite, with 12 cm martz-carb	D653958	170.50	171.57	1.07			
		veinlets.	2000000	1,0.00		••••			
		180,80 181.60 BASALT FLOW, 10% quartz vein, pyrite.	D65396	180,80	181,60	.80			
		181,60 182,55 BASALT FLOW.	D65397	181.60	182,55	, 95			
194,75	197,10	INTERMIXED BASALT AND FELSIC DYKE							
		reisic dikes with 15% 1-4mm white reidspar phenocrysts in							
		intervals, 194 75 to 197 10							
		$t_0 = 203 40$ .							
		to 208.50.							
		to 215.80.							
		Volcanics within this interval are predominantly mafic							
		flows. Some biotite rich intervals may be mafic tuffs.							
		194.75 195.75 FELSIC DYKE described above.	D65398	194,75	195.75	1,00			
		195,75 197,10 FELSIC DYKE described above.	D65399	195.75	197,10	1,35			
107 10	224 00								
19/,10	224,00	Mafic flows with minor purite 214 70 to 215 90 folcie.							
		dike $217$ 40 to $217$ 90 minor felsic tuffs							
		200 00 200.35 BASALT FLOW sheared, 10% quartz-carb	D65400	200.00	200.35	.35			
		veinlets, 5% pyrite, biotite.	200.00		200,00				
		214.70 215.80 FELSIC DYKE, 5% quartz vein, pyrite.	D65401	214.70	215,80	1.10			
		217.40 217.90 RHYOLITIC ASH TUFF.	D65402	217.40	217,90	, 50			
224,00		END OF HOLE CASING LEFT IN HOLE							

HOLE NO: PAGE NO:

282-03 3



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DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING OF INTEREST. CORE STORED AT DONA LAKE MINE, PICKLE LAKE, ONTARIO.

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REF CORD: 10450.0 8800.0 SURVEYED: NO

LOCATION: 4+50 N L 12+00 W GRID: KEEZHIK LAKE GRID

POST LOCATION: 56 METRES SOUTH AND 150 METRES WEST TO POST #3 OF TB927579

AZIMUTH:	325,0	LENGTH:	206.0	ELEVATION:	.0
DIP:	-45.0	CORE SIZE:	BQ	SYSTEM OF MEASURE:	METRIC
STARTED:	JANUARY 26, 1989	COMPLETED: J	ANUARY 27, 1989	CLAIM NO: TB927579	



PROPERTY: PROJECT 282 KEEZHIK LAKE PROJECT SECTION:

LOGGED BY: DAVE LAUDRUM

DATE LOGGED: JANUARY 27-29, 1989

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TO LENGTH AU q/t RERUN REJECT AVERAGE

.00 18,55 OVERBURDEN AND CASING

18,55 74,40 BASALT FLOW

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Massive, weakly foliated, moderately carbonitized, chloritic flows,

DEPTH AZIMUTH DIP

DESCRIPTION-----

-46.0

1-2% Medium grained disseminated cubic pyrite,

2-5% Randomly oriented quartz-carbonate stringers.

100.00

Origional undeformed amphibole needles 2-5mm long are visible in most flows.

Up to 10% dark brown biotite over some intervals, biotite rich intervals may represent mafic tuffs.

18.55 to 23.50 is strongly silicified with a fine grained grey/brown felsic dike occuring at 21.60 to 22.50.

41.23 to 41.29 and 41.35 to 41.46 are white quartz veins with sharp contacts at 60 degrees to core axis, minor pyrite.

19.50 20.50 BASALT FLOW, silicification, 1% pyrite.

 20.50
 21.60
 BASALT FLOW, silicification, 1% pyrite.
 D65404
 20.50

 21.60
 22.50
 FELSIC DYKE, trace pyrite.
 D65405
 21.60

 22.50
 23.50
 BASALT FLOW, silicification, 1% pyrite.
 D65406
 22.50

 26.50
 27.50
 BASALT FLOW, 2% pyrite, 2 cm quartz vein at 10
 D65407
 26.50

 degrees to core axis.
 20.50
 20.50
 20.50
 20.50

41.00 42.00 BASALT FLOW, silicification, with quartz vein D65408 described above.

70.50 71.00 BASALT FLOW with 9 cm quartz vein, 0.5% pyrite. D65409 70.50

### 74,40 76,10 RHYOLITIC ASH TUFF

Massive grey-tan fine grained tuff with 5-10% 1mm grey quartz eyes, 1% disseminated cubic pyrite.

PLACER DOME INC.

DIAMOND DRILL RECORD

DIP TESTS (corrected)

206,00

DEPTH AZIMUTH DIP

-44.0

SAMPLE

D65403

19.50

41,00

FROM

20.50 1.00

1.10

. 90

1.00

1.00

1,00

.50

21.60

22,50

23,50

.27.50

42.00

71.00

HOLE NO: 282-03 PAGE NO: 2

FROM	το	DESCRIPTION	SAMPLE	FROM	ŤO	LENGTH	Au g/t RERUN	REJECT AVERAGE
76.10	80.60	INTERMEDIATE TUFFS/FLOWS 1-5% 1mm White feldspar phenocrysts. Weakly silicified, 5% quartz-carbonate stringers, 0.5% pyrite. 80.40 to 80.60 40% tan-grey silicification. 80.00 80.60 BASALT TUFFS/FLOWS, silicification.	D65410	80.00	80.60	.60		
80,60	85,25	RHYOLITIC ASH TUFF Same as 74.40 to 76.10 -contains 2% irregular quartz fragments and 2% chloritic lithic fragments. 80.60 81.60 RHYOLITIC ASH TUFF. 84.25 85.25 RHYOLITIC ASH TUFF.	D76411 D76412	80,60 84,25	81,60 85,25	1.00		
85.25	92.80	INTERMEDIATE TUFFS/FLOWS Mottled green-brown intermediate volcanics with 1-5% 1mm white-pale green feldspar phenocrysts. 1% Finely disseminated pyrite and 3% carbonate stringers. 92.00 to 92.80 is sheared at 45 degrees to core axis, 30% white quartz-carb stringers are oriented parallel to shearing. 92.00 92.80 INTERMEDIATE TUFFS/FLOWS, sheared, carbonate.	D65413	92.00	92.80	.80		
92.80	102.50	FELSIC DYKE Up to 98.75 the unit is grey and relatively unaltered, and contains 10% feldspar phenocrysts with diffuse margins. After 98.75 core is mottled grey-tan-orange due to silicification/bleaching concentrated along randonly oriented fractures. Quartz phenocrysts and rare mafic phenocrysts are more clearly visible within the altered section. Foliated at 35 degrees to core axis. 96.60 97.60 RHYOLITE TUFF, (12b?), 1% pyrite. 98.75 99.75 RHYOLITE TUFF, foliated. 101.50 102.50 RHYOLITE TUFF, silicification, bleached.	D65414 D65415 D65416	96.60 98.75 101.50	97.60 99.75 102.50	1.00 1.00 1.00		
102.50	106.45	INTERMEDIATE VOLCANIC Dark green/brown intermediate flow with 20% fine biotite, 1% medium grained cubic pyrite, 2% quartz-carb stringers. 105.40 106.45 INTERMEDIATE VOLCANIC, 2% pyrite.	D65417	105.40	106.45	1.05		
106.45	108,65	FELSIC DYKE Fine grained grey quartz prophyry with 5% clear to blue quartz eyes.						

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HOLE NO: 282-03 PAGE NO: 3

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE	
		5% 1mm Disseminated brown biotite 'flakes' are surrounded by 0.5mm halos of chloritic alteration. 10% Of the unit is tan colored due to bleaching along randomly oriented fractures.							
108.65	164.00	BASALT FLOW Monotonous sequence of weakly to non-foliated mafic flows. 0.5% Fine grained pyrite and 1% very fine grained pyrrhotite -core is weakly magnetitc. 1-2% Fine carbonate stringers occur along randomly oriented fractures, 2% minor quartz veining. 137.20 to 137.50 weakly sheared at 50 degrees to core axis, 30% grey/green silicification, 1.5 cm white quartz vein, 1% pyrite. 137.00 137.60 BASALT FLOW, sheared, silicification. 145.00 146.00 BASALT FLOW with 8 cm chloritic quartz vein at 35 degrees to core axis	D65418 D65419	137.00 145.00	137 <i>.</i> 60 146.00	.60 1.00			
		152.05 152.70 FELSIC DYKE, feldspar porphyry.	D65420	152,05	152,70	.65			
164.00	166,90	<ul> <li>BASALT TUFF</li> <li>Foliation (bedding?) at 55 degrees to core axis is defined by orientation/elongation of 1 x 6mm chloritic amphibole needles and biotite flakes.</li> <li>10% White carbonate stringers parallel to foliation, 0.5% disseminated pyrite.</li> <li>Upper contact gradational over 50cm, lower contact sharp but irregular.</li> <li>164.00 165.00 BASALT TUFF, 5% quartz-carb veinlets.</li> <li>165.00 166.00 BASALT TUFF, 10% quartz-carb veinlets, 0.5% pyrite.</li> <li>166.00 166.90 BASALT TUFF, 10% quartz-carb veinlets, 0.5% pyrite.</li> </ul>	D65421 D65422 D65423	164.00 165.00 166.00	165.00 166.00 166.90	1.00 1.00 .90			
166.90	171.60	FELSIC DYKE Grey-tan-orange siliceous rock with 10% white feldspar phenocrysts and 3% blue-white quartz eyes. Tan-grey bleaching along fractures has obscured some primary textures and gives the rock a mottled appearance. Some fractures contain 0.5mm fillings of dark green (chloritic) material. 0.5% Very fine grained disseminated pyrite. Short intervals of mafic material occur at: 169.0 to 169.15 and 169.9 to 170.25. 171.55 to 171.70 strongly silicified contact zone, up to 2% pyrite occurs along fractures. 166.90 167.90 FELSIC DYKE.	D65424	166,90	167.90	1.00			

HOLE NO: 282-03 PAGE NO: 4

<ul> <li>167.90 169.00 FELSIC DYKE.</li> <li>169.90 171.00 FELSIC DYKE.</li> <li>171.00 171.60 FELSIC DYKE with 15 cm silicification zone, pyrite.</li> <li>171.00 171.60 FELSIC DYKE with 15 cm silicification zone, pyrite.</li> <li>171.00 171.60 FELSIC DYKE with 15 cm silicification zone, pyrite.</li> <li>171.60 186.25 INTERMEDIATE TUFFS/FLOMS</li> <li>111.60 186.25 INTERMEDIATE TUFFS/FLOMS</li> <li>111.60 10 172.50 10% pervasive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified cone containing 35 pyrthotite.</li> <li>171.60 172.50 10% pervasive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified cone containing 35 pyrthotite.</li> <li>171.60 172.50 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>174.75 175.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 INTERMEDIATE TUFFS/FLOMS, 10% quartz-carb</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>26% 240 183.40 INTERMEDIATE TUFFS/FLOMS, 10% quartz-carb</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>26% 240 mith feldspar phenocrysts with 16% white quartz vers occuring along fractures.</li> <li>Fom 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vain is at leat 2cm wide, 15</li> <li>pyrtte along fractures.</li> <li>Fom 194.95 to 195.55 the core cuts a quartz vein munning parallel to the core axis, vain is at leat 2cm wide, 15</li> <li>pyrtte along fractures.</li> <li>Fom 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vain is at leat 2cm wide, 15</li> <li>pyrtte along fractures.</li> <li>How off the is sharp but irregular.</li> <li>184.85 195.65 FELSIC DYKE with matics described above, pyrite.<!--</th--><th>FROM</th><th>TO</th><th>DESCRIPTION</th><th>SAMPLE</th><th>FROM</th><th>ŤO</th><th>LENGTH</th><th>Au g/t RERUN</th><th>REJECT AVERAGE</th></li></ul>	FROM	TO	DESCRIPTION	SAMPLE	FROM	ŤO	LENGTH	Au g/t RERUN	REJECT AVERAGE
<ul> <li>168, 90 170, 00 FELSIC DYKE.</li> <li>170, 00 171, 00 FELSIC DYKE with 15 cm silicification zone, pyrite.</li> <li>171, 60 171, 60 FELSIC DYKE with 15 cm silicification zone, pyrite.</li> <li>171, 60 186, 25 INTERMEDIATE TUFFS/FLOWS</li> <li>171, 60 172, 50 10% pervasive carbonatized pyrrhotite, flows are moderately magnetic.</li> <li>171, 60 172, 50 10% pervasive carbonatization has stained the core yellow.</li> <li>174, 75 to 172, 50 is a more silicefue carbonate.</li> <li>171, 60 172, 50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>171, 60 172, 50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>174, 75 to 175, 85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176, 85 177, 85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>186, 25 197, 80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20, 2-4mm White feldspar phorphyry.</li> <li>20, 2-4mm White fieldspar phorphyry.</li> <li>20, 2-4mm White fiel</li></ul>			167.90 168.90 FELSIC DYKE.	D65425	167,90	168,90	1.00		
<ul> <li>170.00 171.00 FELSIC DYNE.</li> <li>171.00 171.60 FELSIC DYNE with 15 cm silicification zone, pyrite.</li> <li>171.60 186.25 INTERMEDIATE TUFFS/FLOWS</li> <li>171.60 186.25 INTERMEDIATE TUFFS/FLOWS</li> <li>171.60 172.50 NITERMEDIATE TUFFS/FLOWS</li> <li>171.60 172.50 NITERMEDIATE TUFFS/FLOWS.</li> <li>174.75 to 175.85 is a more siliceous carbonatized flow with 10cm silicified zone containing 3% pyrthotite.</li> <li>171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>174.75 to 175.85 iNTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>174.75 to 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carbo</li> <li>186.25 197.80 FELSIC DYNE</li> <li>186.25 197.80 FELSIC DYNE</li> <li>186.25 197.80 FELSIC DYNE</li> <li>186.25 197.85 The core suits quartz sequence due to tan colored blacking along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core suits, vein is at leat 2cm wide, 1% pyrite.</li> <li>186.95 191.75 FELSIC DYNE with matics described above, pyrite.</li> <li>194.85 195.65 FELSIC DYNE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYNE with quartz vein described above, pyrite.</li> <li>194.85 195.65 CMNE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYNE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYNE with quartz vein described above, pyrite.</li> </ul>			168,90 170,00 FELSIC DYKE.	D65426	168.90	170,00	1.10		
<ul> <li>171.00 171.60 FELSIC DYME with 15 cm silicification zone, D65428 171.00 171.60 .60 pyrtle.</li> <li>171.60 186.25 INTERMEDIATE TUFFS/FLOMS Intermediate (to mafic in some areas) volcanics with up to 30 dilatant fractures per meter filled by quartz-carbonate stringers. <ul> <li>0.5% Pyrtle and 1% finely dissominated pyrrhotite, flows are moderately magnetic.</li> <li>171.60 1072.50 10% pervasive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonate.</li> <li>171.60 1072.50 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>174.75 to 175.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>176.81 77.65 INTERMEDIATE TUFFS/FLOMS, carbonate.</li> <li>176.85 177.65 INTERMEDIATE TUFFS/FLOMS, 10% quartz-carb vein less.40 183.40 1.00</li> <li>186.25 197.80 FELSIC DYME</li> <li>Heakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins.</li> <li>5% 1-7mm Clear-Dub quartz greys, and 5% fine grained black biotits in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz vein described above, pyrite.</li> <li>Below 194.0 the unit has a moticid targrey eppearance due to tan colored blaeching along fractures.</li> <li>From 194.95 to 195.55 the core acids, vein is at leat Zom wide, 18</li> <li>pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 191.75 1.00</li> <li>pyrite.</li> <li>194.85 195.65 FELSIC DYME with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYME with quartz wein secure mate mode above.</li> <li>pyrite.</li> <li>194.85 195.65 FELSIC DYME with qu</li></ul></li></ul>			170.00 171.00 FELSIC DYKE.	D65427	170.00	171,00	1.00		
<ul> <li>171.60 186.25 INTERMEDIATE TUFFS/FLOMS Intermediate (to mafic in some areas) volcanics with up to 30 dilatant fractures per meter filled by quartz-carbonate stringers. 0.5%, Pyrite and 1% finely disseminated pyrrhotite, flows are moderately magnetic. 171.60 to 172.50 10% pervasive carbonatization has stained the core yellow. 174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrrhotite. 171.60 172.50 INTERMEDIATE TUFFS/FLOMS, carbonate. 174.75 175.85 INTERMEDIATE TUFFS/FLOMS, carbonate. 174.75 175.85 INTERMEDIATE TUFFS/FLOMS, carbonate. 175.85 176.85 INTERMEDIATE TUFFS/FLOMS, carbonate. 175.85 176.85 INTERMEDIATE TUFFS/FLOMS, 10% quartz-carb veiniets. pyrrhotite. 186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4m Mhite feldspar phenocrysts with diffuse margins. 5%, 1-2mm Clear-blue quartz gives, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 18, 55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite. Edwe 194.05 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite. 194.85 195.65 FELSIC DYKE with mafics described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrie.</li> </ul>			171.00 171.60 FELSIC DYKE with 15 cm silicification zone, pyrite.	D65428	171.00	171,60	, 60		
Intermediate (to mafic in some areas) volcanics with up to 30 dilatant fractures per meter filled by quartz-carbonate stringers. 0.5% Pyrite and 1% finely disseminated pyrhotite, flows are moderately magnetic. 171,60 to 172.50 10% pervasive carbonatization has stained the core yellow. 174,75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrhotite. 171,60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate. 174,75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 175,85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite. 175,85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite. 176,85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite. 176,85 177.85 INTERMEDIATE TUFFS/FLOWS. 186,25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2.4mm White foldspar phenocrysts with diffuse margins, 5% 1.2mm clear-bule quartz wein down the duartz veins occuring along its margins, 0.5% pyrite. Below 194,0 the unit has a motile at negrey appearance due to tan colored bleaching along fractures. From 194,05 to the core cuts a quartz vein running parallel to the core axis, vein is at leat 2m wide, 1% pyrite, lower contact of dike is sharp but irregular. 190,75 191,75 FELSIC DYKE with margins described above, pyrite, 194,85 195,65 FELSIC DYKE with margins described above, pyrite, 194,85 195,65 FELSIC DYKE with quartz vein described above, pyrite.	171.60 186	5,25	INTERMEDIATE TUFFS/FLOWS						
<ul> <li>30 dilatant fractures per meter filled by quartz-carbonate stringers.</li> <li>0.5% Fyrite and 1% finely disseminated pyrrhotite, flows are moderately magnetic.</li> <li>171.60 to 172.50 10% pervasive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrrhotite.</li> <li>174.75 to 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 177.68 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176.85 177.68 INTERMEDIATE TUFFS/FLOWS.</li> <li>176.85 177.68 INTERMEDIATE TUFFS/FLOWS.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4m White feldspar henocrysts with diffuse margins.</li> <li>5% 1-2mm clear-blue quartz eyes, and 5% fine grained black bloite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz vein socuring along its margins.</li> <li>5% pyrite.</li> <li>Below 194.0 the unit has a motied tan-grey appearance due to tan colored bleeching along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with mafics described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with mafics described above, pyrite.</li> </ul>			Intermediate (to mafic in some areas) volcanics with up to						
<pre>stringers. 0.5% Pyrite and 1% finely disseminated pyrrhotite, flows are moderately magnetic. 171.60 to 172.50 10% pervasive carbonatization has stained the core yellow. 174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrrhotite. 171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate. D65429 171.60 172.50 .90 D74.75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate. D74.75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate. D74.75 175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate. D75.85 176.85 INTERMEDIATE TUFFS/FLOWS. 176.85 177.85 INTERMEDIATE TUFFS/FLOWS. 186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins. 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black boitte in a dark grey silceous matrix. 191.10 to 191.60 is a maric fragment with 10% white quartz veins occuring along its margins. 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored blackhoring olong fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with marics described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.95 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.95 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 195.455 195.65 FELSIC DYKE with quartz vein described above, pyrite. 195.455 195.65 FELSIC DYKE with quartz vein described above, pyrite. 195.455 195.65 FELSIC DYKE with quartz vein described above. 195.455 195.65 FELSIC DYKE with quart pyrite with for the fine final final final fine final final</pre>			30 dilatant fractures per meter filled by quartz-carbonate						
<ul> <li>are moderately magnetic.</li> <li>171.60 to 172.50 10% pervasive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 100m silicified zone containing 3% pyrrhotite.</li> <li>171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>173.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins.</li> <li>5% 1-2mm clear-blue quartz eyes, and 5% fine grained</li> <li>black boitte in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz</li> <li>vein occuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with mafics described above.</li> <li>portie.</li> <li>197.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above. pyrite.</li> </ul>			stringers,						
<ul> <li>alle moderately magnetic.</li> <li>171.60 10% pervesive carbonatization has stained the core yellow.</li> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrrhotite.</li> <li>171.60 172.50 172.50 176.85 in TERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-folue quartz eyes, and 5% fine grained black blotite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a mottled tan-grey appearance due to tan colored blacking ing fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with mains described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with duartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described biots 194.85 195.65 .80 above, pyrite.</li> </ul>			u.5% Pyrite and 1% linely disseminated pyrrhotite, flows						
<pre>the core yellow. 174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrhotite. 171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate, 174.75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.86 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrthotite. 186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix, 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm vuide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.95 195.65 FELSIC DYKE with mafics described above, pyrite. 194.95 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.95 195.05 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC</pre>			171.60 to 172.50 10% pervasive carbonatization has stained						
<ul> <li>174.75 to 175.85 is a more siliceous carbonitized flow with 10cm silicified zone containing 3% pyrrhotite.</li> <li>171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>174.75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176.63 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate.</li> <li>176.63 177.85 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins,</li> <li>5% 1-2mm clear-blue quartz eyes, and 5% fine grained</li> <li>black blotite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz</li> <li>veins occuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a mottled tan-grey appearance due</li> <li>to a colored blackting along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running</li> <li>parallel to the core axis, vein is at leat 2cm wide, 1%</li> <li>pyrite.</li> <li>190.75 191.75 FELSIC DYKE with mafics described above,</li> <li>pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described</li> <li>portie.</li> <li>196.55 195.65 FELSIC DYKE with quartz vein described</li> <li>portie.</li> <li>196.55 196.65 FELSIC DYKE with a more wate with owner.</li> <li>205423 196.65 196.65 106.65 106</li> </ul>			the core yellow.						
<pre>with 10cm silicified zone containing 3% pyrhotite. 171.60 172.50 107EXMEDIATE TUFFS/FLOWS, carbonate, pyrhotite. 175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrhotite. 175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrhotite. 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, 176.85 177.85 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrhotite. 186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a marific fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the ount has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with marics described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 195.55 195.65 FELSIC DYKE with quartz vein described 195.55 195</pre>			174,75 to 175.85 is a more siliceous carbonitized flow						
<ul> <li>171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate, D65429 171.60 172.50 .90</li> <li>175.85 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS, carbonate, D65430 174.75 175.85 1.00</li> <li>182.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a motiled tan-grey appearance due to tan colored bleaching along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>195.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> </ul>			with 10cm silicified zone containing 3% pyrrhotite.	<b></b>					
<ul> <li>174.75 175.85 INTERMEDIATE TUFFS/FLOWS, carbonate, D5430 174.75 175.85 1.10</li> <li>pyrrhotite.</li> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, D55431 175.85 176.85 1.00</li> <li>pyrrhotite.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>D65432 176.85 177.85 1.00</li> <li>182.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% file grained black blottle in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz vein soccuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with mafics described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> </ul>			171.60 172.50 INTERMEDIATE TUFFS/FLOWS, carbonate,	D65429	171.60	172,50	.90		
<ul> <li>175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate, pyrrhotite.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz vein socuring along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> </ul>			1/4./5 1/5.85 INTERTEDIATE TUFFS/FLOWS, Carbonate,	065430	1/4./5	1/5.85	1.10		
<ul> <li>pyrrhotite.</li> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>182.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.</li> <li>186.25 197.80 FELSIC DYKE</li> <li>Weakly foliated quartz-feldspar porphyry.</li> <li>20%, 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix.</li> <li>191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite.</li> <li>Below 194.0 the unit has a motiled tan-grey appearance due to tan colored bleaching along fractures.</li> <li>From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures.</li> <li>Lower contact of dike is sharp but irregular.</li> <li>190.75 191.75 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite.</li> <li>105.431 190.75 191.75 FLOWE with 1 cm muta muta muta the subscience of the feet of t</li></ul>			175.85 176.85 INTERMEDIATE TUFFS/FLOWS, carbonate.	D65431	175.85	176.85	1.00		
<ul> <li>176.85 177.85 INTERMEDIATE TUFFS/FLOWS.</li> <li>182.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrhotite.</li> <li>186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 106.64 DEIGENCE DYKE with quartz vein described above, pyrite.</li> </ul>			pyrrhotite.						
<ul> <li>162.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.</li> <li>186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm Clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with quartz vein described above, pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described above, pyrite. 1065435 194.85 195.65 .80</li> </ul>			176.85 177.85 INTERMEDIATE TUFFS/FLOWS.	D65432	176.85	177,85	1.00		
186.25 197.80 FELSIC DYKE Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			182.40 183.40 INTERMEDIATE TUFFS/FLOWS, 10% quartz-carb veinlets, pyrrhotite.	D65433	182.40	183.40	1.00		
Weakly foliated quartz-feldspar porphyry. 20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a matic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.	186.25 197	.80	FELSIC DYKE						
<pre>20% 2-4mm White feldspar phenocrysts with diffuse margins, 5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite. 106 65 FELSIC DYKE with 1 am mumber wein mumber. 106 65 FELSIC DYKE with 1 am mumber wein mumber. 105 65 106 65 FELSIC DYKE with 1 am mumber wein mumber. 105 65 106 65 FELSIC DYKE with 1 am mumber wein mumber.</pre>			Weakly foliated quartz-feldspar porphyry.						
<pre>5% 1-2mm clear-blue quartz eyes, and 5% fine grained black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite. 105 65 FELSIC DYKE with 1 on guarts wein grained D65435 194.85 195.65 .80</pre>			20% 2-4mm White feldspar phenocrysts with diffuse margins,						
black biotite in a dark grey siliceous matrix. 191.10 to 191.60 is a mafic fragment with 10% white quartz veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			5% 1-2mm clear-blue quartz eyes, and 5% fine grained						
veins occuring along its margins, 0.5% pyrite. Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			black biotite in a dark grey siliceous matrix.						
Below 194.0 the unit has a mottled tan-grey appearance due to tan colored bleaching along fractures. From 194.95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			191,10 to 191,00 is a maile iragment with 10% white quartz						
to tan colored bleaching along fractures. From 194,95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite. 195.65 FELSIC DYKE with 1 on mumber wein mumber. D56436 105.65 FELSIC DYKE with 1 on mumber wein.			Below 194.0 the unit has a mottled tan-grev appearance due						
From 194,95 to 195.55 the core cuts a quartz vein running parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			to tan colored bleaching along fractures.						
parallel to the core axis, vein is at leat 2cm wide, 1% pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			From 194,95 to 195.55 the core cuts a quartz vein running						
pyrite along fractures. Lower contact of dike is sharp but irregular. 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			parallel to the core axis, vein is at leat 2cm wide, 1%						
Lower contact of dike is sharp but irregular, 190.75 191.75 FELSIC DYKE with mafics described above, D65434 190.75 191.75 1.00 pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			pyrite along fractures.						
pyrite. 194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			Lower contact of dike is sharp but irregular, 190 75 191 75 FRISIC DYKE with matice described above	D65424	100 78	191 75	1 00		
194.85 195.65 FELSIC DYKE with quartz vein described D65435 194.85 195.65 .80 above, pyrite.			nvrita.	102434	190.10	191,73	1,00		
above, pyrite,			194,85 195,65 FELSIC DYKE with quartz vein described	D65435	194.85	195,65	.80		
105 65 106 65 EVICENTE with 1 am might minite DEFACE 105 65 106 65 1 00			above, pyrite.						
TAD'OD LEDIDE DIVE MICH I CW CHARLES AGIU' BALICE' DOD430 142'02 1'00			195.65 196.65 FELSIC DYKE with 1 cm quartz vein, pyrite.	D65436	195,65	196,65	1.00		
196,65 197.80 FELSIC DYKE, D65437 196,65 197,80 1,15			196.65 197.80 FELSIC DYKE.	D65437	196.65	197.80	1.15		

197.80 206.00 BASALT FLOW

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FROM TO ------DESCRIPTION-----LENGTH AU g/t RERUN REJECT AVERAGE SAMPLE FROM TO Mafic to intermediate flows with 5% quartz-carbonate veinlets along randomly oriented fractues. Very fine grained pyrite and pyrrhotite equal 0.5% total sulfides. 198.10 to 198.25 is a white quartz-carbonate vein contacts at 30 degrees to core axis. 197.80 198.80 BASALT FLOW with 15 cm quartz-carb veinlets D65438 197,80 198,80 1,00 described above, trace pyrite + pyrrhotite. 206.00 END OF HOLE CASING LEFT IN HOLE. DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING

> OF INTEREST. CORE STORED AT DONA LAKE MINE, PICKLE LAKE, ONTARIO.

PLACER DOME INC. REF CORD: 10650.0 7300.0 SURVEYED: NO HOLE NO: DIAMOND DRILL RECORD 282-037 LOCATION: 6+50 N 27+00 W GRID: KEEZHIK LAKE GRID PROPERTY: PROJECT 282 KEEZHIK LAKE PROPERTY POST LOCATION: 150m SOUTH AND 20m WEST TO POST #3 OF TB 927582 SECTION: AZIMUTH: 325.0 LENGTH: 218.0 ELEVATION: .0 LOGGED BY: DAVE LAUDRUM DIP: -45.0CORE SIZE: BO SYSTEM OF MEASURE: METRIC DATE LOGGED: JANUARY 30 - FEBRUARY 1, 1989 Part Brown STARTED: JANUARY 30, 1989 COMPLETED: FEBRUARY 1, 1989 CLAIM NO: TB 927582 (50m), TB 913013 (168m) DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100,00 -39.0 -44.0 218,00 FROM TO -----DESCRIPTION------SAMPLE FROM LENGTH Au q/t RERUN REJECT AVERAGE TO .00 3,60 OVERBURDEN AND CASING 3.60 22.18 BASALT FLOW Monotonous sequence of massive fine grained mafic flows, 0.5% fine disseminated pyrite, trace chalcopyrite. Core is very hard, weakly fractured, 1% fine carbonate stringers occur along fractures. Minor gradational changes in grain size distinguish some flows. Non-magnetic. 3.60 4.60 BASALT FLOW, D77401 3,60 4,60 1.00 4,60 5,60 BASALT FLOW. 4,60 D77402 5.60 1.00 5.60 6.60 BASALT FLOW. D77403 5.60 6.60 1.00 6.60 7.60 BASALT FLOW. D77404 6,60 7.60 1.00 7.60 8.60 BASALT FLOW. D77405 7.60 8,60 1.00 8.60 9.30 BASALT FLOW. D77406 .70 8.60 9.30 9.30 10.30 BASALT FLOW, trace pyrite, trace chalcopyrite. D77407 9,30 10.30 1,00 10.30 11.00 BASALT FLOW, trace pyrite, trace chalcopyrite. D77408 .70 10.30 11.00 11.00 12.00 BASALT FLOW 2mm pyritic qtz stringer parallel D65439 11.00 12.00 1.00 to core axis. 12.00 13.00 BASALT FLOW, 3% 1 pyrite. D77409 12.00 13.00 1.00 13.00 14.00 BASALT FLOW. D77410 13.00 14,00 1.00 14.00 15.00 BASALT FLOW, trace pyrite, trace chalcopyrite. D77411 14.00 15.00 1.00 15.00 16.00 BASALT FLOW. D77412 15,00 16.00 1.00 16.00 17.00 BASALT FLOW. D77413 16,00 17,00 1.00 17,00 18,00 BASALT FLOW. D77414 17.00 18.00 1.00 18.00 19.00 BASALT FLOW. D77415 18.00 19.00 1.00 19,00 20,00 BASALT FLOW. D77416 19.00 20.00 1.00 20.00 21.00 BASALT FLOW. D77417 20.00 21,00 1,00 21.00 22.18 BASALT FLOW, MAGNETITE CHERT AMPHIBOLE IRON D77418 21.00 22.18 1.18 FORMATION.

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FROM	то	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
22.18	22,90	MAGNETITE CHERT AMPHIBOLE IRON FORMATION Sulfidized magnetite iron formation contains 5% secondary sulfides (4% pyrrhotite, 1% pyrite, minor chalcopyrite) as fine stringers and disseminations concentrated along altered magnetite bands. 10% Magnetite remains as origional bands and fragments. 60% Blue-grey chert, 25% dark green chloritic amphibole, Banding at 75 degrees to core axis. 22.18 22.90 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, described above.	D65440	22.18	22.90	.72		
22.90	47.85	BASALT FLOW Same as 3.60 to 22.18 except that up to 2% pyrite occurs over some intervals in this unit. 29.70 to 29.90 2cm zones of chlorite-carbonate alteration occur along fractures/shears at 35 degrees to core axis. 43.50 to 43.80 a 5mm tightly folded quartz vein running roughly parallel to the core axis is surrounded by a 2cm halo of 20% secondary fine grained pyrite. At 47.20 a 2.5cm fine grained pink felsic dike occurs at 30 degrees to core axis. 22.90 23.80 BASALT FLOW, MAGNETITE CHERT AMPHIBOLE IRON FORMATION. 23.80 24.80 BASALT FLOW. 44.80 25.80 BASALT FLOW. 25.80 26.80 BASALT FLOW. 25.80 26.80 BASALT FLOW. 26.80 27.80 BASALT FLOW. 28.80 29.60 BASALT FLOW. 29.60 30.60 BASALT FLOW. 29.60 31.60 BASALT FLOW. 32.60 33.60 BASALT FLOW. 32.60 33.60 BASALT FLOW. 34.60 35.60 BASALT FLOW. 35.60 36.60 BASALT FLOW. 35.60 36.60 BASALT FLOW. 35.60 36.60 BASALT FLOW. 35.60 36.60 BASALT FLOW. 36.60 37.60 BASALT FLOW. 37.60 38.60 BASALT FLOW. 37.60 38.60 BASALT FLOW. 37.60 38.60 BASALT FLOW. 37.60 38.60 BASALT FLOW. 37.60 BASALT FLOW. 37.60 BASALT FLOW. 37.60 BASALT FLOW. 37.60 BASALT FLOW. 38.60 39.60 BASALT FLOW. 39.60 40.60 BASALT FLOW. 30.60 39.60 BASALT FLOW. 30.60 39.60 BASALT FLOW. 30.60 39.60 BASALT FLOW. 30.60 41.60 BASALT	D77419 D77420 D77421 D77422 D77423 D77424 D77425 D65441 D77426 D77427 D77428 D77429 D77430 D77431 D77432 D77433 D77433 D77433 D77435 D77435 D77438	22.90 23.80 24.80 25.80 26.80 27.80 29.60 30.60 31.60 32.60 33.60 34.60 35.60 36.60 37.60 38.60 39.60 40.60 41.60 42.60	23.80 24.80 25.80 26.80 27.80 29.60 30.60 31.60 32.60 33.60 34.60 35.60 36.60 37.60 38.60 39.60 40.60 40.60 41.60 42.60	.90 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1		
		43.40 43.90 BASALT FLOW 5% quartz stringers, pyrite. 43.90 45.00 BASALT FLOW. 45.00 46.00 BASALT FLOW.	D65442 D77439 D77440	43.40 43.90 45.00	43,90 45,00 46,00	.50 1.10 1.00		

FROM TO ------DESCRIPTION------SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE 46.00 46.85 BASALT FLOW. D77441 46.00 46.85 .85 46.85 47.85 BASALT FLOW with 2.5 cm FELSIC DYKE, 2% 47,85 D65443 46.85 1.00 quartz-carb veinlets. 47,85 48.90 MAGNETITE CHERT AMPHIBOLE IRON FORMATION magnetite Sulfidized iron formation contains 5-15% secondary sulfides occuring as stringers and concentrated patches of disseminated grains. Overall composition of unit is: 50% magnetite, 15% chloritic amphibole, 15% dark grey chert, 10% pink/brown 6% pyrrhotote, 2% carbonate stringers, 1.5% garnets. pyrite, 0.5% chalcopyrite. 48.77 to 48.90 is a quartz vein with 5% pyrrhotite, 1% pyrite and minor chalcopyrite occuring along fractures. Vein has sharp but irregular contacts with overlying BIF and underlying volcanics. 47.85 48.90 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with D65444 47,85 48.90 1.05 quartz vein described above. 48.90 107.35 BASALT FLOW Same as 3.60 to 22.18. At 49,50 a 1.5cm white guartz vein with sharp contacts at 25 degrees to core axis contains 0.5% pyrite along its margins. 51.20 to 52.40 core contains 5% hairline carbonate stringers along abundant 'microfractures' at 25 degrees to core axis. At 52.90 a 2cm pink-grey felsic feldspar porphyry dike occurs at 15 degrees to core axis. 58.15 to 58.35 felsic feldspar porphyry dike, moderately foliated at 45 degrees to core axis, 0.5% pyrite. 58.35 to 59.30 felsic unit strongly foliated/sheared at 70 degrees to core axis, origional texture completely -15% secondary brown biotite and 3% secondary destroyed pyrite occur along foliation surfaces. Feldspar porphyry dikes with 30% feldspar phenocrysts and 15% biotite in a fine grey siliceous matrix occur at:. to 88.68. to 97.00. to 99.17. to 100.60. to 102.05. The above dikes have sharp contacts at bettween 35 and 55 degrees to core axis. Fine grained pink felsic dikes with sharp contacts at 10 to 20 degrees to core axis occur at:, to 91.45.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		. to 92.55.						
		48.90 50.00 BASALT FLOW with 1.5 cm quartz vein described	D65445	48.90	50,00	1.10		
		above.						
		50.00 51.00 BASALT FLOW with 2% quartz-carbonate stringers.	D77442	50,00	51.00	1.00		
		51.00 52.00 BASALT FLOW with carbonate stringers described	D65446	51.00	52.00	1.00		
		above.						
		52.00 53.10 BASALT FLOW with carbonate stringers + 2 cm 12	D65447	52,00	53.10	1.10		
		described above.						
		53.10 54.10 BASALT FLOW with 2% quartz-carbonate stringers.	D77443	53.10	54.10	1.00		
		54.10 55.10 BASALT FLOW,	D77444	54.10	55.10	1.00		
		55.10 56.10 BASALI FLOW.	D77445	55.10	56,10	1.00		
		DO.IU D7.IU BASALI FLUW.	D77446	56,10	57.10	1.00		
		57,10 50,15 DASALI FLOW.	D//44/	57,10 E0 16	50.15	1,00		
		50.15 59.30 FELSIC DIRE ((), described above.	000448	20,12	59,30	1,15		
		0.5% munite	100449	59.50	60.30	1.00		
		60.30 61 AO BASAIT FLOW with 5% carbonato etringere	077449	60 30	61 40	1 10		
		61 40 62 40 BASNIT FLOW with 3% carbonate stringers.	D77440	61 40	62 40	1 00		
		62 40 63 40 BASALT FLOW with 3% carbonate stringers,	D77450	62 40	63 40	1 00		
		63 40 64 40 BASALT FLOW WITH 5% CATBONACE SCITINGERS.	D77451	63 40	64 40	1 00		
		64.40 65.40 BASALT FLOW	D77452	64 40	65 40	1 00		
		65.40 66.40 BASALT FLOW	D77453	65.40	66.40	1.00		
		66.40 67.40 BASALT FLOW	D77454	66.40	67.40	1.00		
		67.40 68.40 BASALT FLOW. 2 cm quartz vein.	D77455	67.40	68.40	1.00		
		68,40 69,40 BASALT FLOW with 2% carbonate stringers.	D77456	68.40	69.40	1.00		
		69.40 69.80 BASALT FLOW with 3% carbonate stringers.	D77457	69.40	69.80	.40		
		69.80 70.80 BASALT FLOW, 5% guartz-carb veinlets, 0.5%	D65450	69.80	70.80	1.00		
		pyrite.						
		70,80 71.00 BASALT FLOW.	D77458	70,80	71.00	.20		
		71.00 71.90 BASALT FLOW.	D77459	71,00	71.90	.90		
		71,90 72,90 BASALT FLOW,	D77460	71.90	72,90	1.00		
		72,90 73,90 BASALT FLOW,	D77461	72,90	73.90	1.00		
		73,90 74,90 BASALT FLOW,	D55462	73.90	74.90	1.00		
		74.90 75.90 BASALT FLOW.	D77463	74,90	75,90	1.00		
		75,90 76,90 BASALT FLOW.	D77464	75,90	76,90	1,00		
		76.90 77.65 BASALT FLOW.	D77469	76,90	77.65	.75		
		77.65 78.65 BASALT FLOW.	D77470	77,65	78,65	1.00		
		78.65 79.65 BASALT FLOW.	D77465	78.65	79,65	1.00		
		79,65 80,65 BASALT FLOW.	D77466	79.65	80.65	1.00		
		80.65 81.65 BASALT FLOW.	D77467	80,65	81.65	1.00		
		81,65 82,65 BASALT FLOW.	D77468	81,65	82.65	1.00		
		82.65 83.65 BASALT FLOW.	D77471	82.65	83.65	1.00		
		83,65 84,65 BASALI FLUW.	D77472	83,65	84.65	1.00		
		54,05 55,00 BASALI LLUW,	D77473	64,65	85,00	,35		
		SOLUU SOLUU DADALI FLUW, 15% QUARTZ-CARD VEINIETS, PYRITE.	D65451	85.00	86.00	1.00		
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0/7474	86.00	87.00	1,00		
		0/,00 00,00 DAGNIT FLOW.	D//4/5	87.00	88,00	1.00		
		OC, UU OF, UU DHARLI FLUM,	D77470	00,00	09,00	1,00		
		03.00 30.00 FUMUET ERAM	D//4//	03,00	30.00	1,00		

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		90.00 91.28 BASALT FLOW. 91.28 92.55 BASALT FLOW with pink FELSIC DYKE described	D77478 D65452	90.00 91.28	91.28 92.55	1.28 1.27		
		above. 92.55 93.50 BASALT FLOW. 93.50 94.50 BASALT FLOW. 94.50 95.40 BASALT FLOW. 95.40 96.40 BASALT FLOW. 96.40 97.40 BASALT FLOW. 97.40 98.40 BASALT FLOW. 98.40 99.40 BASALT FLOW. 100.40 100.70 BASALT FLOW. 100.70 102.50 FELSIC DYKE described above. 102.50 103.00 BASALT FLOW. 103.00 104.00 BASALT FLOW. 104.00 105.00 BASALT FLOW. 105.00 106.00 BASALT FLOW.	D77479 D77480 D77481 D77482 D77483 D77484 D77485 D77485 D77485 D77486 D77487 D65453 D77488 D77489 D77489 D77490 D77491 D77492	92.55 93.50 94.50 95.40 97.40 98.40 99.40 100.40 100.70 102.50 103.00 104.00 105.00 106.00	93.50 94.50 95.40 97.40 97.40 99.40 100.40 100.70 102.50 103.00 104.00 105.00 106.00 107.35	.95 1.00 .90 1.00 1.00 1.00 1.00 1.00 1.00		
107.35	109.41	MAGNETITE CHERT AMPHIBOLE IRON FORMATION Sulphidized BIF composed of 20% magnetite, 50% chert and amphibole, 20% secondary silicification/qtz veining, 5% (locally 10%) pyrite, 5% secondary feldspathization, 0.5% carbonate, minor occurances of pink-brown garnets, +/- minor epidote. Banding in this unit is not well defined -often obscured by alteration/deformation. 107.35 108.35 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above. 108.35 109.41 MAGNETITE CHERT AMPHIBOLE IRON FORMATION described above.	D65454 D65455	107.35 108.35	108.35 109.41	1.00 1.06		
109.41	134.55	BASALT FLOW Same as 3.60 to 22.18 except that this interval is a darker green (to black) color and more siliceous (core is very hard). 118.05 to 118.75 is a moderately fractured zone with 20% quartz carbonate veining occupying fractures, 3% fine pyrite, 2% epidote. 125.10 to 126.25 is a silicified/epidotized interval with 10% irregular grey pyritic quartz veins , 2% pink carbonate stringers, possible relict banding may indicate seds. Origin (banded chert/greywacke ?). Interval is weakly magnetic (as are surrounding volcanics) neither pyrrhotite nor magnetite can be positively identified, presumably vfg disseminations. 109.41 110.41 BASALT FLOW, silicification, 5% quartz vein.	D65456	109.41	110.41	1.00		

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FROM	1 TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	λu g/t RERUN	REJECT	AVERAGE
		110.41 111.40 BASALT FLOW.	D77493	110.41	111.40	. 99			
		111.40 112.40 BASALT FLOW.	D77494	111.40	112.40	1.00			
		112.40 113.40 BASALT FLOW,	D77495	112.40	113.40	1.00			
		113.40 114.40 BASALT FLOW.	D77496	113,40	114.40	1.00			
		114.40 115.40 BASALT FLOW.	D77497	114.40	115.40	1,00			
		115.40 116.00 BASALT FLOW.	D77498	115.40	116.00	.60			
		116.00 116.50 BASALT FLOW, 5% quartz vein with pyrite +	D65457	116.00	116.50	,50			
		pyrrhotite.							
		116.50 118.00 BASALT FLOW.	D77499	116,50	118.00	1.50			
		118.00 119.00 BASALT FLOW described above.	D65458	118,00	119,00	1.00			
		119.00 120.00 BASALT FLOW.	D77500	119.00	120.00	1.00			
		120.00 121.00 BASALT FLOW.	D68601	120.00	121.00	1.00			
		121.00 122.00 BASALT FLOW.	D68602	121.00	122.00	1.00			
		122.00 123.00 BASALT FLOW.	D68603	122.00	123,00	1,00			
		123.00 124.00 BASALT FLOW.	D68604	123.00	124,00	1,00			
		124.00 125.10 BASALT FLOW.	D68605	124.00	125.10	1,10			
		125.10 126.25 BASALT FLOW (possibly sed) described above.	D65459	125.10	126.25	1,15			
		126.25 127.25 BASALT FLOW, 10% quartz-carbonate stringers,	D65460	126.25	127,25	1.00			
		1% pyrite.							
		127.25 128.25 BASALT FLOW, 10% quartz-carbonate stringers,	D65461	127.25	128,25	1.00			
		1% pyrite.							
		128.25 129.30 BASALT FLOW.	D68606	128.25	129,30	1.05			
		129.30 130.30 BASALT FLOW.	D68607	129.30	130.30	1.00			
		130,30 131,30 BASALT FLOW.	D68608	130.30	131,30	1.00			
		131.30 132.30 BASALT FLOW,	D68609	131.30	132,30	1,00			
		132.30 133.55 BASALT FLOW.	D68610	132.30	133.55	1.25			
		133.55 134.55 BASALT FLOW, 5% quartz-carbonate stringers,	D65462	133.55	134.55	1.00			
		1% pyrite.							
134,55	144.80	COARSE EQUIGRANULAR GRANODIORITE							
		Coarse grained granodiorite composed of roughly 30%							
		amphibole +/- blotite, 40% sodic feldspar, 20% quartz.							
		pink coloration of some feldspars is patchy within							
		specific grains and appears to be potassic alteration.							
		1-3% Fine disseminated pyrite occurs throughout the unit.							
		Unit is: non-rollated, non-magnetict, weakly iractured,							
		Contains less than 1% quartz verning.	DC0611	174 55	125 60	1 05			
		134,35 135,60 COARSE EQUIGRANULAR GRANOPIORITE.	D66611	134.00	135,00	1.00			
		135.60 136.60 COARSE EQUIGRANULAR GRANUDIORITE.	D00012	135.60	130,00	1,00			
		130,00 137,00 COARSE EQUIGRANULAR GRANULIURITE.	068613	130.00	137.00	1.00			
		137.50 138.50 COARSE EQUIGRANULAR GRANUDIORITE.	068614	137.00	130,50	,90			
		155.50 159.50 WARSE EQUIGRANULAR GRANULIURILE, WORK	CORCOL	128,20	123,20	1.00			
		SITUTICATION, 3% QUARTE VEIN, PYRICO.		120 50	140 50	1 00			
		135,30 140,30 COMPSE EQUICANULAR GRANDIORITE	DC0013	140 50	140,00	1 00			
		140,50 141,50 COARSE EQUIORANULAR GRANODIORITE.	D00010	140,00	141,50	1.00			
		141,50 142,50 COARSE EQUIORANULAR GRANULIURITE.	D0001/	141,00	142,00	1.00			
		142.50 145.50 COARSE EQUIDRANULAR GRANUPIORITE,	DCEACA	142.00	143.30	.80			
		143,30 144,00 CONRSE EQUIDRANULAR GRANOUIORITE,	D03404	143.30	144.00	1,00			

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FROM	τo	DESCRIPTION	SAMPLE	FROM	ŤO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		silicification, 5% quartz vein, pyrite.						
144.80	153.85	QUART2-FELDSPAR PORPHYRY Tan-grey Quartz-Feldspar Porphyry. 5% Vitreous to grey 2mm rounded quartz phenocrysts, 3-15% white feldspar phenocrysts with diffuse margins, in a grey siliceous groundmass, <2% mafic minerals are visible. Sericite occurs along fractures, trace disseminated pyrite, non-foliated. From 147.80 to 148.90 a 1cm pyritic quartz vein with irregular margins runs parallel to the core axis. 144.80 145.80 QUART2-FELDSPAR PORPHYRY. 145.80 146.80 QUART2-FELDSPAR PORPHYRY. 146.80 147.80 QUART2-FELDSPAR PORPHYRY. 147.80 148.90 QUART2-FELDSPAR PORPHYRY with quartz vein described above. 148.90 149.90 QUART2-FELDSPAR PORPHYRY. 149.90 150.50 QUART2-FELDSPAR PORPHYRY. 150.50 151.70 QUART2-FELDSPAR PORPHYRY. 151.70 152.85 QUART2-FELDSPAR PORPHYRY.	D68619 D68620 D68621 D65465 D68622 D68623 D68624 D68625 D68625 D68626	144.80 145.80 146.80 147.80 148.90 149.90 150.50 151.70 152.85	145.80 146.80 147.80 148.90 149.90 150.50 151.70 152.85 153.85	1.00 1.00 1.00 1.10 1.00 .60 1.20 1.15 1.00		
153.85	218.00	COARSE EQUIGRANULAR GRANODIORITE Same as 134.55 to 144.80. Some intervals (see sample descriptions) are weakly sheared and silicifed with sericite developed along shear surfaces. 183.6 to 184.5 is strongly sheared at 15 degrees to core axis resulting in an almost mylonitic texture, shear healed by subsequent silicification, 2% pyrite, sericite. 153.85 154.70 COARSE EQUIGRANULAR GRANODIORITE. 154.70 155.70 COARSE EQUIGRANULAR GRANODIORITE. 155.70 156.70 COARSE EQUIGRANULAR GRANODIORITE. 156.70 157.70 COARSE EQUIGRANULAR GRANODIORITE. 157.70 158.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 159.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 159.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 159.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 159.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 160.70 COARSE EQUIGRANULAR GRANODIORITE. 158.70 160.70 COARSE EQUIGRANULAR GRANODIORITE. 160.70 161.70 COARSE EQUIGRANULAR GRANODIORITE. 161.70 162.70 COARSE EQUIGRANULAR GRANODIORITE. 162.70 163.70 COARSE EQUIGRANULAR GRANODIORITE. 164.70 165.70 COARSE EQUIGRANULAR GRANODIORITE. 166.70 167.70 COARSE EQUIGRANULAR GRANODIORITE. 166.70 167.70 COARSE EQUIGRANULAR GRANODIORITE. 166.70 167.70 COARSE EQUIGRANULAR GRANODIORITE. 166.70 167.70 COARSE EQUIGRANULAR GRANODIORITE. 167.70 168.70 COARSE EQUIGRANULAR GRANODIORITE. 168.70 169.70 COARSE EQUIGRANULAR GRANODIORITE. 168.70 169.70 COARSE EQUIGRANULAR GRANODIORITE. 168.70 169.70 COARSE EQUIGRANULAR GRANODIORITE. 169.70 170.70 COARSE EQUIGRANULAR GRANODIORITE. 169.70 170.70 COARSE EQUIGRANULAR GRANODIORITE. 170.70 171.70 COARSE EQUIGRANULAR GRANODIORITE.	D68627 D68628 D68629 D68630 D68631 D68632 D68633 D68634 D68635 D68636 D68637 D68638 D68639 D68640 D68641 D68642 D68643	153.85 154.70 155.70 156.70 157.70 158.70 160.70 161.70 162.70 163.70 164.70 164.70 165.70 168.70 169.70 170.70	154.70 155.70 155.70 157.70 158.70 159.70 160.70 161.70 162.70 163.70 164.70 165.70 165.70 167.70 168.70 169.70 170.70 171.70	,85 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0		

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		171.70 172.70 COARSE EOUIGRANULAR GRANODIORITE.	D68644	171.70	172.70	1.00		
		172.70 173.70 COARSE EOUIGRANULAR GRANODIORITE.	D68645	172.70	173.70	1.00		
		173.70 174.50 COARSE EOUIGRANULAR GRANODIORITE.	D68646	173.70	174.50	.80		
		174.50 175.50 COARSE EOUIGRANULAR GRANODIORITE, sheared.	D65466	174.50	175.50	1.00		
		silicification, sericite.						
		178.80 179.80 COARSE EOUIGRANULAR GRANODIORITE.	D65467	178.80	179.80	1.00		
		silicification. 15% quartz vein. pvrite.						
		179.80 180.80 COARSE EQUIGRANULAR GRANODIORITE.	D65468	179.80	180.80	1.00		
		silicification. 5% quartz vein. pvrite.						
		180,80 182,00 COARSE EQUIGRANULAR GRANODIORITE.	D68647	180.80	182.00	1.20		
		182,00 183,25 COARSE EQUIGRANULAR GRANODIORITE,	D65469	182.00	183.25	1.25		
		silicification, 5% quartz vein, sericite, pyrite.						
		183.25 184.50 COARSE EQUIGRANULAR GRANODIORITE, sheared,	D65470	183.25	184.50	1.25		
		silicification, described above,						
		184.50 185.50 COARSE EQUIGRANULAR GRANODIORITE.	D68648	184.50	185,50	1.00		
		185.50 186.50 COARSE EQUIGRANULAR GRANODIORITE.	D68649	185,50	186,50	1.00		
		186,50 187,50 COARSE EQUIGRANULAR GRANODIORITE.	D68650	186,50	187.50	1.00		
		187,50 188,50 COARSE EQUIGRANULAR GRANODIORITE.	D68651	187.50	188.50	1.00		
		188.50 189.50 COARSE EQUIGRANULAR GRANODIORITE.	D68652	188.50	189,50	1.00		
		189.50 190.50 COARSE EQUIGRANULAR GRANODIORITE.	D68653	189.50	190,50	1.00		
		190.50 191.50 COARSE EQUIGRANULAR GRANODIORITE.	D68654	190.50	191.50	1.00		
		191,50 192,50 COARSE EQUIGRANULAR GRANODIORITE.	D68655	191.50	192.50	1.00		
		192,50 193,50 COARSE EQUIGRANULAR GRANODIORITE.	D68656	192.50	193,50	1.00		
		193,50 194.00 COARSE EQUIGRANULAR GRANODIORITE.	D68657	193,50	194.00	.50		
		194.00 195.00 COARSE EQUIGRANULAR GRANODIORITE, 10% quartz	D65471	194.00	195,00	1,00		
		vein, pyrite.						
		195.00 196.00 COARSE EQUIGRANULAR GRANODIORITE.	D68658	195.00	196.00	1.00		
		196.00 197.00 COARSE EQUIGRANULAR GRANODIORITE.	D68659	196.00	197,00	1.00		
		197.00 198.00 COARSE EQUIGRANULAR GRANODIORITE.	D68660	197.00	198.00	1.00		
		198.00 199.00 COARSE EQUIGRANULAR GRANODIORITE,	D68661	198,00	199.00	1.00		
		199.00 200.00 COARSE EQUIGRANULAR GRANODIORITE.	D68662	199.00	200.00	1.00		
		200,00 201,00 COARSE EQUIGRANULAR GRANODIORITE.	D68663	200,00	201.00	1.00		
		201,00 202,00 COARSE EQUIGRANULAR GRANODIORITE.	D68664	201,00	202.00	1.00		
		202,00 203,00 COARSE EQUIGRANULAR GRANODIORITE.	D68665	202.00	203.00	1,00		
		203,00 204.00 COARSE EQUIGRANULAR GRANODIORITE.	D68666	203.00	204.00	1,00		
		204.00 205.00 COARSE EQUIGRANULAR GRANODIORITE.	D68667	204.00	205.00	1.00		
		205.00 206.00 COARSE EQUIGRANULAR GRANODIORITE.	D98998	205.00	205,00	1.00		
		205.00 207.00 COARSE EQUIGRANULAR GRANODIORITE.	D08009	206.00	207.00	1.00		
		207.00 208.00 COARSE EQUIGRANULAR GRANUDIURITE, 5% quartz	D024/2	207.00	208.00	1.00		
		Vein, pyrite.	D/0/70					
		208.00 209.00 COARSE EQUIGRANULAR GRANUDIORITE.	D68670	208.00	209.00	1.00		
		209.00 210.00 COARSE EQUIGRANULAR GRANUDIORITE.	D000/1	209,00	210.00	1.00		
		210,00 211,00 COARSE EQUICATIONAR GRANUTURITE.	D000/2	210.00	211,00	1.00		
		211.00 212.00 COARSE EQUIORANOLAR GRANUDIORITE	D000/3	211.00	212.00	1 00		
		212,00 213.00 CONDER EQUICIDANCIAN COMPOSITE	D000/4	212,00	213.00	1.00		
		213.00 214.00 COMME EQUICATION CONTOLINE.	D000/3	213,00	215 00	1 00		
		214,00 213,00 COARSE EQUICANTULAR CRANCHICRITE,	1000/0 140477	214.00	213.00	1 50		
		213.00 210.00 COARSE EQUICRATIONAL CRANODIORILE,	D68670	210.00	210,00	1 50		
		210,00 210.00 CONTRAL EQUIDINATIONAL ORANDIONITE,	000010	210,00	210.00	1,50		

218.00 END OF HOLE CASING PULLED. DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA. CORE STORED AT DONA LAKE. SAMPLE SERIES D77\_\_\_\_ AND D68\_\_\_\_ WERE ADDITONAL SAMLES TAKEN AFTER THE HOLE WAS LOGGED.

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PLACER DOME INC.

REF CORD: 10090.0 6300.0 SURVEYED: NO HOLE NO: 282-038 DIAMOND DRILL RECORD LOCATION: 0+90 N L 37+00 W GRID: KEEZHIK GRID **PROPERTY: PROJECT 282** KEEZHIK LAKE SECTION: POST LOCATION: 222 METRES SOUTH AND 70 METRES WEST TO POST 2 OF TB927584 LOGGED BY: PAUL BROWN **AZIMUTH:** 325.0 LENGTH: 200.0 ELEVATION: .0 -45.0 DIP: CORE SIZE: BO SYSTEM OF MEASURE: METRIC DATE LOGGED: FEBRUARY 3RD AND 4TH.1989 Paul Brown STARTED: FEBRUARY 2ND, 1989 COMPLETED: FEBRUARY 3RD, 1989 CLAIM NO: T927584 DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100.00 -48.0 200.00 -49.0 150.00 -48.0 LENGTH Au g/t RERUN REJECT AVERAGE -----DESCRIPTION-----FROM SAMPLE TO FROM TO

#### 6,50 OVERBURDEN AND CASING .00

#### 78.65 BASALT FLOW 6.50

The basalt flow is medium grained to fine grained, medium green, chloritic, weakly carbonate altered, massive to locally weakly foliated at 45 degrees to the core axis and non magnetic. The medium grained basalt flow as 1 mm to 2 nm pale green feldspar phenocryst which are altered in a fine grained matrix, Locally very short sections are medium grained to coarse grained have 3 mm amphibole ctrstals in a fine grained matrix. There is less than 1 cm of quartz-carbonate stringers per metre. These stringers are void of sulphides. Throughout the flow 1 mm 2 mm blebs of carbonate are noted. There is only occasional trace disseminated pyrrhotite and pyrite noted in the basalt. At 8.20 m a 120 cm section which could be a mafic dyke. The unit has contacts which are at 80 degrees to the core axis, has less than 1 mm white feldspar crystals, strong biotite development and trace Below 39,50 m to 75.00 m there are very few pyrite. irregular shaped 3 mm to 8 mm metamorphic growth of crystals. There are about 10% to 20% of these amphibole amphibole crystals in the core. The lower contact of the metmorphic crystal growth is gradational over a core length of 3 metres. Locally 10 cms with moderate to strong foliation at 70 degrees to the core axis. Throughout the core is only veakly fractured, most fractures are greater than 60 degrees to the core axis. The lower contact is at 75 degrees to the core axis. 8,20 9,40 DIORITE, trace sulphides.

D65473 8.20 9.40 1.20

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FROM	ŤO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT	AVERAGE
		13.60 14.60 BASALT FLOW with 3% quartz-carbonate stringers.	D65474	13,60	14,60	1.00			
		20,00 21.00 BASALT FLOW. Trace quartz-carbonate stringers.	D65475	20,00	21.00	1.00			
		26.05 27.05 BASALT FLOW, trace quartz stringers.	D65476	26,05	27.05	1.00			
		31.00 32.00 BASALT FLOW, trace quartz-carbonate stringers.	D65477	31,00	32.00	1.00			
		45,00 46.00 BASALT FLOW, 5 mm quartz-carbonate vein at 70 degrees to the core axis.	D65478	45,00	46.00	1.00			
		62 00 63.00 BASALT FLOW, trace quartz-carbonate stringers.	D65479	62.00	63.00	1.00			
		65 05 66 05 BASALT FLOW, trace quartz-carbonate stringers.	D65480	65.05	66.05	1.00			
		68 05 69 05 BASALT FLOW, trace quartz-carbonate stringers.	D65481	68 05	69.05	1.00			
		75 30 76 30 RASALT FLOW with a 3 cm quartz vein at 5	D65482	75 30	76 30	1.00			
		degrees to the core axis.	200102	,0,00	,0,00	1,00			
78.65	79,65	CHERT SULPHIDE AMPHIBOLE IRON FORMATION This section appears to be about 85% to 90% basalt tuff							
		with 5% chert as 3 mm to 8 mm bands and 5% to 7% stringer							
		pyrrhotite and pyrite. This short section is moderately							
		carbonate altered and possibly weakly silicified. The							
		lower contact is with a felsic dyke. Layering is at 70							
		degrees to the core axis to 75 degrees to the core axis.							
		The sulphides occur both as bands parallel to foliation							
		and as stringers cutting layering. There is a barren 2 cm							
		quartz stringer at 78.25 m.							
		78,65 79.65 CHERT SULPHIDE AMPHIBOLE IRON FORMATION with	D65483	78,65	79,65	1,00			
		5% to 7% pyrrhotite and pyrite.							
79.65	80.87	FELSIC DYKE							
		This felsic dyke has 30% to 50% 2 mm subangular quartz							
		eyes in a sericitic fine grained matrix. There are 5%							
		mafics, probably biotite, as 2 mm to 4 mm laths. There							
		are also 10% to 20% 5 mm faint feldspar crystals							
		throughout. The dyke is not foliated and the lower							
		contact is at 75 degrees to the core avis There are							
		minor must z stringers and veinlets and no sulphides noted							
		in the duke							
		79.65 80.87 FELSIC DYKE, with minor quartz veinlets.	D65484	79.65	80,87	1,22			
80.87	138,42	BASALT FLOW							
		The basalt flow is fine grained to locally medium grained,							
		medium green, chloritic, massive to locally moderately							
		foliated at 70 degrees to the core axis and non magnetic.							
		The first 1.15 metres of this section has strong carbonate							
		alteration, minor quartz stringers and 2% to 3% stringer							
		pyrrhotite, pyrite in the basalt. The first one metre is							
		also strongly foliated elsewhere the basalt is massive to							
		locally weakly foliated.							
		In the interval 94,98 m to 98,50 m there is upto 5%							

## FROM

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------DESCRIPTION-----TO

FROM

magnetite iron formation as 2 mm to 3 cm bands at 75 degrees to the core axis. The iron formation bands are 90% chert, 2% to 5% magnetite and 5% pyrrhotite, pyrite as layers parallel to foliation. The dark green 2 mm to 5 mm mafic layers adjacent to the chert units is often magnetic. The volcanic adjacent to the chert bands is probably tuffaceous. At 97,25 m a 40 cm section with 30% cream feldspar occurring as bands to isolated pale At 91.19 m a 2 cm band of chert. There are 2% crystals, to 3% guartz-carbonate stringers and veinlets in the basalt. These veinlets and stringers are void of sulphides. There is only occasional trace disseminated sulphide noted in the basalt. At 137.62 m a 2 cm quartz-carbonate vein at 5 degrees to the core axis, No sulphides in the vein. The lower contact is sharp at 40 degrees to the core axis.

80,87 82,00 BASALT FLOW, carbonate altered, trace quartz stringers, trace pyrrhotite and pyrite.

84,50 85,50 BASALT FLOW, with 2% guartz-carbonate stringers 87.00 88.00 BASALT FLOW, with 5% guartz-carbonate stringers 89.90 91.00 BASALT FLOW, with 3% guartz-carbonate stringers 94,50 95,50 BASALT FLOW with 7% chert and minor pyrrhotite and pyrite.

95.50 96.50 BASALT FLOW.

96.50 97.50 BASALT FLOW, trace chert, trace sulphides.

97.50 98.50 BASALT FLOW, trace chert, trace sulphides.

107.00 108.00 BASALT FLOW with a 2.5 cm guartz vein at 60 degrees to the core axis.

113.50 114.50 BASALT FLOW with minor guartz-carbonate stringers.

119.00 120.20 BASALT FLOW, 2% guartz-carbonate stringers.

122.00 123.00 BASALT FLOW with a 5 cm guartz-carbonate vein 137,42 138.42 BASALT FLOW with a 2 cm guartz-carbonate vein at 5 degrees to the core axis.

## 138.42 151.44 RHYOLITE TUFF

This section of felsic tuff is medium grained, medium grey, well foliated at 50 degrees to the core axis to 60 degrees to the core axis, sericitic, and non magnetic. Throughout the tuff there are 10% to 20% 1 mm to 3 mm quartz crystals. The matrix of the tuff has moderate alteration. There is less than 1% sericite guartz-carbonate veinlets and stringers noted in the tuff and no sulphides. The lower contact of the felsic tuff is at 40 degrees to the core axis. At 142.90 m a 115 cm section which is also sericitic but has the appearance of rhvolite. The lower contact of this rhyolitic section is at 55 degrees to the core axis. The 5 cms immediately

SAMPLE

D65485

D65486

D65487

D65488

D65489

D65490

D65491

D65492

80.87

84.50

87.00

89.90

94,50

95.50

96,50

97,50

D65493 107.00 108.00

D65494 113,50 114,50

D65495 119.00 120.20 1.20

D65496 122.00 123.00 1.00

D65497 137.42 138.42 1.00

82.00

85,50

88.00

91.00

95.50

96,50

97,50

98,50

1.13

1.00

1.00

1.10

1.00

1.00

1,00

1.00

1.00

1.00

TO LENGTH Au g/t RERUN REJECT AVERAGE

TO -----DESCRIPTION-----SAMPLE FROM TO LENGTH AU g/t RERUN REJECT AVERAGE below the rhyolite is a mixture of mafic tuff, 50% quartz-carbonate and 5% to 10% pyrite. The rhyolite has no quartz veins or sulphides. 138.42 139.42 RHYOLITE TUFF with minor quartz-carbonate D65498 138,42 139,42 1.00 stringers. 143.05 144.05 RHYOLITE with the last 5 cms being mafic D65499 143.05 144.05 1.00 fuff with 50% guartz-carbonate and 5% to 10% pyrite. 150.44 151.44 RHYOLITE TUFF with minor quartz-carbonate D65500 150.44 151.44 1.00 stringers. 151,44 187,92 BASALT FLOW The basalt is medium green, chloritic and non magnetic. 161,00 m to 168,60 m there are 10% guartz veins. These quartz veins have irreguar contacts but are generally subparallel to foliation. The quartz veins are void of sulphides. Elsewhere in the basalt there are 5% to 10% shaped quartz-carbonate stringers, These irregular stringers are alligned parallel to foliation. There are no significant sulphides noted in the quartz-carbonate stringers. The basalt has no noticeable sulphide content. In the last 15 m of this section there is a decrease in the carbonate content. The lower contact adjacent to the dyke below appears to be weakly silicified. 161,00 162,00 BASALT FLOW with 12 cms of quartz veins. 162,00 163,00 BASALT FLOW with quartz-carbonate stringers. 163,00 164,00 BASALT FLOW with 37 cms of quartz veins.

> 164.00 165.00 BASALT FLOW with 15 cms of guartz veins. 165,00 166,00 BASALT FLOW with guartz-carbonate stringers. 167.60 168.70 BASALT FLOW with 10 cms of quartz veins.

## 187,92 192,72 FELSIC DYKE

This felsic dyke is dark grey to brownish grey, fine grained with 2% to 5% 1 mm to 5 mm white feldspar phenocrysts in a fine grained matrix. The dyke is massive and non magnetic. There are no guartz veins in the dyke. There is 1% fine grained disseminated pyrite noted in the The upper contact of the dyke is 45 degrees to the dyke, core axis, the lower contact is 70 degrees to the core axis 191,50 192,50 FELSIC DYKE, with 1% disseminated pyrite.

## 192,72 200,00 BASALT FLOW

The basalt flow is fine grained, medium green, chloritic, massive to weakly foliated at 45 degrees to the core axis and non magnetic. There are only trace quartz and quartz-carbonate veinlets and stringers. The basalt has no noticeable sulphide content. There is only a trace

D65507 191.50 192.50 1.00

D65501	161.00	162.00	1.00
D65502	162.00	163.00	1.00
D65503	163.00	164.00	1.00
D65504	164,00	165.00	1,00
D65505	165,00	166.00	1.00
D65506	167.60	168,70	1.10

## FROM

FROM TO ------DESCRIPTION------ SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE

amount of carbonate in this section of basalt.

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200.00 END OF HOLE CASING PULLED. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING OF INTEREST. CORE STORED AT DONA LAKE. DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA. REF CORD: 9400.0 5600.0 SURVEYED: NO

LOCATION: 6+00 S L 44+00 W GRID: KEEZHIK GRID

POST LOCATION: 29 METRES NORTH AND 42 METRES WEST TO POST # 4 OF TB836025

CORE SIZE:

AZIMUTH: 325.0 LENGTH:

DIP: -45.0

FROM

STARTED: FEBRUARY 4TH, 1989

COMPLETED: FEBRUARY 6TH, 1989

200.0

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PLACER DOME INC.

DIAMOND DRILL RECORD

ELEVATION:

SYSTEM OF MEASURE: METRIC

DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100,00 -41.0 200.00 -41.0

-----DESCRIPTION-----SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE

#### 22.00 OVERBURDEN AND CASING .00

#### 22,00 26.27 BASALT FLOW

TO

The basalt flow is medium grained, mediun green, chloritic, moderately carbonate altered, weakly foliated at 60 degrees to the core axis to 70 degrees to the core axis and non magnetic. The lower contact is sharp at 70 degrees to the core axis. The basalt has 3 mm to 5 mm metamorphic amphibole crystals throughout. stretched There are only trace quartz and quartz-carbonate stringers in the basalt. The basalt does not have any significant sulphide content,

#### 36.16 MAGNETITE CHERT AMPHIBOLE IRON FORMATION 26.27

The magnetite iron formation is composed of alternating layers of chert and magnetite with occasional interspersed layers of mafic tuff. The chert layers vary in width from a few mm to 3 cms, the magnetite layers are 1 mm to 1 cm in width the amphibole layers are dark green and 1 mm to 5 mm in width. Layering in the magnetite iron formation is well developed at 70 degrees to the core axis to 90 degrees to the core axis. Locally minor folding and a 5 cm to 10 cm scale is noted. The magnetite iron formation has been weakly fractured with mm scale displacement. These fractures have been healed with silica. The magnetite occurs either as massive bands or as 1 mm crystals in chert. The first 4.5 m is rusty from surface There are only trace quartz-carbonate oxidation. stringers filling some of the fractures. There does not appear to be any sulphidization of the magnetite iron



SECTION:

LOGGED BY: PAUL BROWN

DATE LOGGED: FEBRUARY 5TH AND 6TH, 1989

CLAIM NO: TB836025 (48 M), TB836024 (122 M), TB836018 (30 M) Faul Bion

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		formation. Trace pyrite is noted as 1 mm to 2 mm fracture						
		fillings. Total sulphide content is less than 0.5%. The						
		lower contact is 50 degrees to the core axis.						
		26.27 BASALT FLOW.						
		26.27 27.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, weak	D65508	26.27	26.27	.00		
		oxidation,	D65509	26.27	27.00	.73		
		27.00 28.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, weak	D65510	27.00	28,00	1.00		
		oxidation.						
		28.00 29.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, weak	D65511	28.00	29.00	1.00		
		oxidation.						
		29.00 30.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, weak	D65512	29.00	30.00	1.00		
		oxidation.						
		30.00 31.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, weak	D65513	30.00	31.00	1.00		
		oxidation.						
		31.00 32.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65514	31.00	32.00	1.00		
		trace pyrite,						
		32.00 33.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65515	32.00	33.00	1.00		
		trace pyrite.						
		33.00 34.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65516	33.00	34.00	1.00		
		trace pyrite.						
		34.00 35.00 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65517	34,00	35.00	1.00		
		trace pyrite.						
		35.00 36.16 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65518	35.00	36.16	1.16		
		trace pyrite.						

## 36,16 51.93 BASALT FLOW

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The basalt flow is medium grained to locally fine grained, medium green, chloritic, moderately foliated at 60 degrees to the core axis to locally massive, weakly carbonate altered and non magnetic. Short sections usually less than 1 metre have well developed layering and or foliation, these sections maybe tuffaceous. The basalt has 1% to less than 1% guartz and guartz-carbonate These stringers are void of sulphides. stringers. Throughout the basalt to 47.32 metres there are a number of short magnetite iron formation units similar to the mafic iron formation in the interval 26,27 m to 36.16 m. These intervals of magnetite iron formation are usually greater than 60 degrees to the core axis. There is only trace pyrite noted in the magnetite iron formation. The magnetite iron formation occur as follows: 39,42 m 86 cms at 75 degrees to the core axis ; 44.50 m 20 cms as broken core ; 47.10 m, 22 cms of magnetite iron formation. In the last 25 cms of this basalt section there are 1 mm to 2 mm disseminated magnetite crystals. From 47.50 m to 49.00 m there is strong development of carbonate stringers 25% with trace pyrite as 2 mm to 4 mm cubes (late). The lower contact is at 80 degrees to the core axis.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	то	LENGTH	Au g/t RERUN	REJECT AVERAGE
		39.42 40.28 MAGNETITE CHERT AMPHIBOLE IRON FORMATION,	D65519	39.42	40,28	.86		
		44.00 45.00 BASALT FLOW with 20 cms of magnetite iron	D65520	44.00	45.00	1.00		
		47,00 48,00 BASALT FLOW with 22 cms of magnetite iron formation.	D65521	47.00	48.00	1.00		
		48,00 49,00 BASALT FLOW with strong development of carbonate stringers.	D65522	48,00	49.00	1.00		
		50.93 51.93 BASALT FLOW with trace magnetite crystals in the last 25 cms.	D65523	50.93	51,93	1.00		
51.93	53.50	MAGNETITE CHERT AMPHIBOLE IRON FORMATION The magnetite iron formation consists of 60% magnetite, 30% chert, 5% quartz, 5% pyrrhotite and pyrite as cross cutting stringers. The magnetite is fine grained and occur as bands upto 3 cms in width, the chert usually occurs as the matrix to bands with disseminated magnetite. There is minor folding on a cm scale noted, when not folded the iron formation is well layered at 70 degrees to the core axis to 80 degrees to the core axis. The majority of the sulphides occur in the first metre of the magnetite iron formation and occurs as irregular stringers cutting layering. At 52.15 m an irregular, folded 3 cm quartz vein with minor sulphides associated. 51.93 52.93 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with 5% pyrrhotite and pyrite and a 3 cm quartz vein. 52.93 53.50 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, trace pyrite.	D65524 D65525	51.93 52.93	52.93 53.50	1.00		
53,50	99.25	BASALT FLOW The basalt flow is medium grained to 63.00 m, fine grained to 69.30 m, below which it is medium grained again, dark green, chloritic, weakly foliated at 60 a to 70 degrees to the core axis to massive, and non magnetic. There are only trace amounts of carbonate stringers noted in the basalt as well as trace disseminated pyrite. The basalt has several short magnetite iron formation units. These magnetite iron formation units are very similar to the magnetite iron formation in the interval 26.27 m to 36.16 m. There are usually no sulphides noted in the magnetite iron formation units. These iron formation units occur as follows: 63.68 m, 102 cms at 75 degrees to the core axis ;72.83 m 6 cms at 75 degrees to the core axis; 74.00 m 75 cms at 80 degrees to the core axis; 78.38 m, 8 cms as broken core; 82.82 m, 46 cms at 75 degrees to the core axis, trace pyrite as cubes; 85.25 m 70 cms of magnetite						

FROM

TO

------DESCRIPTION------

iron formation at 70 degrees to the core axis, trace

SAMPLE FROM TO

1.00

1.02

.75

.46

.97

.70

.72

1.11

1.00

1.00

1.10

.88

.42

1.21

1.00

1,00

1.11

1.00

1.00

LENGTH AU g/t RERUN REJECT AVERAGE

pyrite ; 86.67 m 111 cms of magnetite iron formation at 75 degrees to the core axis. 2% to 3% pyrrhotite pyrite as bands parallel to layering ; 90.66 m 110 cms of magnetite iron formation at 70 degrees to the core axis, 2% to 3% pyrite as 4 mm cubes : 92,18 m, 121 cms of magnetite iron formation at 90 degrees to the core axis, 10% pyrite as 2 mm to 4 mm cubes, trace pyrrhotite ; and 99,18 m, 7 cms of magnetite iron formation at 60 degrees to the core axis, 5% 2 mm to 4 mm pyrite cubes. At 84,40 m, a 12 cm quartz-carbonate vein at 90 degrees to the core axis, trace pyrite as cubes in the vein. At 98,00 m 10 cms of basalt with 30% pyrite as bands parallel to layering. The basalt in between the magnetite iron formation units have 1% quartz-carbonate stringers. less than These quartz-carbonate stringers usually have minor pyrite associated. There is also trace cubic pyrite noted in the basalt. 61.60 60.60 61.60 BASALT FLOW, trace guartz-carbonate stringers. D65526 60.60 63,68 64,70 MAGNETITE CHERT AMPHIBOLE IRON FORMATION. D65527 63.68 64.70 72.70 74.00 BASALT FLOW with 6 cms of magnetite iron D65528 72.70 74.00 1.30 formation, trace pyrite. 74.75 74.00 74.75 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, D65529 74.00 78.00 79.00 BASALT FLOW with 34 cms of magnetite iron D65530 78.00 79.00 formation in two seperate bands. 82,82 83.28 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, D65531 82.82 83,28 trace pyrite. 83.28 84.25 BASALT FLOW. D65532 83.28 84.25 84.25 85.25 BASALT FLOW, with 12 cm quartz vein, trace D65533 84.25 85,25 pyrite. 85.25 85.95 MAGNETITE CHERT AMPHIBOLE IRON FORMATION, D65534 85,25 85.95 trace pyrite. 85,95 86.67 BASALT FLOW with 10 cms with 30% pyrite. D65535 85,95 86.67 86,67 87,78 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with D65536 86,67 87,78 2% to 3% pyrite. D65537 87.78 88.78 87.78 88.78 BASALT FLOW, trace pyrite. 88,78 89.78 BASALT FLOW, trace pyrite. D65538 88.78 89,78 D65539 89.78 89,78 90,66 BASALT FLOW, trace pyrite. 90.66 90.66 91.76 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with D65540 90.66 91.76 2% to 3% pyrite. 91,76 92.18 BASALT FLOW. D65541 91.76 92.18 92.18 93.39 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with D65542 92.18 93.39 10% pyrite. 93.39 94.39 BASALT FLOW with 1% to 2% stringer carbonate. D65543 93.39 94.39 trace pyrite. 95.39 BASALT FLOW with minor guartz-carbonate 94.39 D65544 94.39 95,39 stringers, trace pyrite. 96.50 BASALT FLOW with minor quartz-carbonate 95.39 D65545 95.39 96.50

stringers, trace pyrite.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		96.50 97.50 BASALT FLOW with minor quartz-carbonate stringers, trace pyrite.	D65546	96.50	97,50	1.00		
		98.25 99.25 BASALT FLOW with 7 cms of magnetite iron formation, minor pyrite.	D65547	98.25	99.25	1.00		
99.25	200.00	BASALT FLOW The basalt flow is fine grained to locally medium grained, dark green to medium green, chloritic, massive to locally foliated at 70 degrees to the core axis and non magnetic. The basalt flow has less than 0.5% quartz and quartz-carbonate stringers and veinlets. These stringers and veinlets are usually void of sulphides. The basalt flow has only occasional trace disseminated pyrite noted. Locally throughout this section weak epidite is noted as selvages to a few quartz veins and fractures. At 107.85 m a 33 cm band of magnetite iron formation with 5% stringer pyrrhotite, pyrite. At 115.30 m 70 cms with 15% to 20% quartz-carbonate stringers and trace pyrite. From 146.50 metres to 157.00 metres the basalt appears to be moderately silicified locally the core bas been						
		fractured and the fractures have been healed. There is 1% to 3% disseminated pyrite and trace pyrrhotite in this silicified section of basalt.						
		107,85 108,18 MAGNETITE CHERT AMPHIBOLE IRON FORMATION with 5% pyrchotite and pyrite.	D65548	107.85	108.18	.33		
		114,90 116.00 BASALT FLOW with 15% to 20% carbonate stringers, trace pyrite.	D65549	114.90	116.00	1.10		
		129,50 130.50 BASALT FLOW, with 2% to 3% quartz-carbonate	D65550	129.50	130.50	1.00		
		142.00 143.00 BASALT FLOW, with 3% quartz veins, trace	D65551	142.00	143.00	1.00		
		143 00 144 00 BASALT FLOW, trace martz veins	D65552	143.00	144.00	1 00		
		144.00 145.00 BASALT FLOW, with a 4 mm quartz vein at 0	D65553	144.00	145.00	1.00		
		degrees to the core axis.						
		145.00 146.00 BASALT FLOW, trace quartz veins.	D65554	145.00	146.00	1.00		
		146.00 146.50 BASALT FLOW.	D65555	146,00	146,50	.50		
		146.50 147.60 BASALT FLOW, silicified, with 1% to 3%	D65556	146.50	147,60	1,10		
		pyrite, pyrrhotite.						
		151.00 152.00 BASALT FLOW, silicified, with less than 1% sulphides.	D65557	151.00	152,00	1,00		
		152.00 153.00 BASALT FLOW, silicified, with 1% to 2%	D65558	152.00	153,00	1.00		
		153,00 154.00 BASALT FLOW, silicified, with 1% to 2%	D65559	153.00	154.00	1.00		
		154,00 155.00 BASALT FLOW, silicified, with 2% to 3%	D65560	154.00	155.00	1.00		
		Sulphices.	DESECT	155 00	156 00	1 00		
		155.00 150.00 EAGALI FLOW, SILLCIILED, UTACE SULPHIDES.	DEEECO	155.00	157 00	1.00		
		150,00 157,00 BASALI FLOW, SITICITIES, CRACE SUIPRISES,	200000	100,00	121.00	1,00		

FROM	TO	DESCRIPTION	SAMPLE	FROM	то	LENGTH	Au g/t RERUN	REJECT AVERAGE
		158.00 159.00 BASALT FLOW, 7 cm quartz vein, trace pyrite.	D65563	158,00	159,00	1.00		
		162.40 162.90 BASALT FLOW, 5 mm quartz vein 25 degrees to the core axis,	D65564	162,40	162.90	.50		
		170.50 171.50 BASALT FLOW, 4 cm quartz vein.	D65565	170.50	171.50	1.00		
		171.50 172.50 BASALT FLOW, minor guartz stringers.	D65566	171,50	172,50	1.00		
		172.50 173.60 BASALT FLOW with epidite on fractures, trace pyrite.	D65567	172.50	173.60	1.10		
		182,00 183.00 BASALT FLOW, with 2% guartz veins.	D65568	182.00	183,00	1.00		
		191.50 192.50 BASALT FLOW, trace guartz stringers,	D65569	191.50	192,50	1.00		
		198.00 199.00 BASALT FLOW, trace quartz stringers.	D65570	198.00	199.00	1.00		
200.00		END OF HOLE						

CASING PULLED. CORE CHECKED FOR RADIOACTIVITY AND FLUORESCENCE - NOTHING OF INTEREST. CORE STORED AT DONA LAKE. DRILLING BY MIDWEST DRILLING, 180 CREE CRESC. WINNIPEG, MANITOBA.

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PLACER DOME INC.

DIAMOND DRILL RECORD

LOCATION: 7+10 N L 27+00 W GRID: KEEZHIK LAKE GRID

7300.0 SURVEYED: NO

POST LOCATION: 200 METRES SOUTH TO POST #2 OF TB913013

LENGTH: .0 325.0 155.0 ELEVATION: -45.0 CORE SIZE: BO SYSTEM OF MEASURE: METRIC STARTED: FEBRUARY 27, 1989 COMPLETED: MARCH 1, 1989 CLAIM NO: TB913013

HOLE NO: **PROPERTY: PROJECT 282** KEEZHIK LAKE SECTION:



LOGGED BY: DAVE LAUDRUM

DATE LOGGED: MARCH 1-2, 1989

and Brown

DIP TESTS (corrected) DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 75.00 -44.0 155.00 -44.0

FROM TO -----DESCRIPTION-----SAMPLE FROM LENGTH Au q/t RERUN REJECT AVERAGE TO

#### .00 5.00 OVERBURDEN AND CASING

10710.0

#### 53,25 BASALT FLOW 5.00

REF CORD:

AZIMUTH:

DIP:

Uniform massive fine to medium grained non-foliated flows. Weak pervasive epidote alteration, trace carbonate alteration.

Average of 10 fractures per meter of core, fractures highlighted by 0.5mm lighter bleached/altered margins.

0.5 to 1% medium grained disseminated cubic pyrite.

Core is weakly magnetitc although neither magnetite or pyrrhotite are visible.

9.7 to 10.3 a 3mm guartz-carbonate veinlet is surrounded by a 2cm halo containing 5% pyrite.

24.0 to 29.0 SHEAR ZONE, core is highly fractured at 0-30 degrees to core axis, 75% core recovery over this interval, fracture surfaces are stained by yellow/brown iron oxides.

27.1 to 28.2 5% milimeter scale quartz-carb veinlets to core axis are surrounded by 5% fine parallel disseminated secondary pyrite, veinlets contain trace 2-3mm accicular crystals of tourmaline.

Quartz-carbonate veinlets are parallel or at a low angle to core axis.

After 35.00 the core contains 5-10% randomly oriented irregular tensional voids filled by guartz-carbonate stringers 1-3mm wide, average of 1-2% fine secondary pyrite throughout, more concentrated near margins of quartz-carb stringers -2% fine secondary brown mica.

Where % of random fractures is greater than 5% appears to be a WEAKLY BRECCIATED ZONE.

35.0 to 35.09 and 35.80 to 35.89 are medium grained grey

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		siliceous felsic dikes, 5% black amphibole(?) minor pink (potassic?) staining, 2% medium grained disseminated pyrite						
		40.35 to 41.10 coarse grained grey granodioritic dike with						
		8mm quartz tourmaline dike parallel to core axis						
		surrounded by 1cm of strongly silicification and 1% pyrite.						
		Upper contact of dike at 30 degrees to core axis, lower						
		contact at 50 degrees to core axis.						
		with 10% brown mice. 3% modium grained disceminated numite						
		44.40 to 45.20 is sheared at 65 degrees to core axis. 15%						
		quartz-carb stringers parallel to shearing, 5% fine						
		disseminated pyrite, fine black accicular crystals						
		(tourmaline?) occur in some stringers.						
		9,50 10,50 BASALT FLOW with quartz vein described above.	D65777	9,50	10,50	1.00		
		24.00 25.00 BASALT FLOW very highly fractured core.	D65778	24.00	25,00	1,00		
		25.00 26.00 BASALT FLOW, very highly fractured, 1%	D65779	25,00	26.00	1.00		
		26.00.27.00 BASALT FLOW sheared 0.5% nurite	D65780	26.00	27 00	1 00		
		27.00 28.00 BASALT FLOW, sheared, 0.5% pyrice.	D65781	27.00	28.00	1.00		
		described above.				.,		
		28.00 29.00 BASALT FLOW with guartz-carb veinlets, pyrite,	D65782	28.00	29,00	1.00		
		described above.						
		31.00 32.00 BASALT FLOW, 10% quartz-carb veinlets, minor	D65783	31,00	32.00	1.00		
		pyrite.	DEFROM	22.00	22.00	1 00		
		32.00 33.00 BASALI FLOW, 10% QUARTZ-CARD VEINIETS, 5%	065/84	32.00	33,00	1.00		
		34 00 35 00 BASALT FLOW 2% quartz-carb veinlets enidote	D65785	34 00	35 00	1 00		
		35.00 36.00 BASALT FLOW, 5% quartz-carbonate stringers, 2%	D65786	35.00	36.00	1.00		
		pyrite, + FELSIC DYKE described above.						
		36.00 37.00 BASALT FLOW, 5% quartz-carbonate stringers, 2%	D65787	36,00	37.00	1.00		
		pyrite, biotite.						
		37,00 38.00 BASALT FLOW, sheared, 10% quartz-carbonate	D65788	37.00	38,00	1.00		
		Stringers, 4% pyrite.	D65700	20 00	20.00	1 00		
		4% nurite biotite bleached	D03/09	30.00	39.00	1.00		
		39.00 40.00 BASALT FLOW, 5% quartz-carbonate stringers, 2%	D65790	39.00	40.00	1.00		
		pyrite, 8 cm FELSIC DYKE.						
		40.00 41.10 BASALT FLOW with FELSIC DYKE described above.	D65791	40.00	41.10	1.10		
		41.10 42.20 BASALT FLOW, 3% quartz-carbonate stringers, 25	D65792	41.10	42.20	1.10		
		cm FELSIC DYKE described above.						
		42,20 43,20 BASALT FLOW, 10% quartz-carbonate stringers,	D65793	42,20	43.20	1,00		
		1% pyrite.	D65704	42 20	44 20	1 00		
		45.20 44.20 DASALI FLOW, 10% quartz-carbonate stringers, 1% numite	000/94	43.20	44.20	1.00		
		44.20 45.20 BASALT FLOW, sheared, 5% pyrite, described	D65795	44,20	45.20	1.00		
		above,				-,		
		45.20 46.20 BASALT FLOW, 10% quartz-carbonate stringers,	D65796	45.20	46.20	1,00		
		3% pyrite.						
		46.20 47.20 BASALT FLOW, 5% quartz-carbonate stringers, 1%	D65797	46.20	47.20	1.00		

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE	5
		pyrite. 50.30 51.30 BASALT FLOW, 1% quartz-carbonate stringers, 1% pyrite, with 2 cm FELSIC DYKE.	D65798	50,30	51,30	1,00			
		52.25 53.25 BASALT FLOW, 3% quartz-carb veinlets, 2% pyrite	D65799	52,25	53,25	1,00			
53.25	60.60	INTERBEDDED BASALT TUFF-CHERT Well bedded at 80 degrees to core axis, 10% non-mineralized grey white chert, 80% green/grey chloritic tuff/fine clastic seds, 5% randomly oriented quartz-carb stringers, 5% disseminated and stringer pyrite in association with 1% fine pyrrhotite. Interval is weakly to moderately magnetic, although the surrounding basalts are generally MORE strongly magnetitc. Between 58.50 and 60.0 the core has a mottled dark green/light gree/grey coloration due to patchy epidote/chlorite/silica alteration and 'bleaching' along fractures.							
		53.25 54.25 INTERBEDDED BASALT TUFF-CHERT, 20% grey chert,	D65800	53,25	54,25	1.00			
		54,25 55.35 BASALT TUFF, 10% quartz-carb veinlets, 5%	D65801	54,25	55,35	1.10			
		55.35 56.35 BASALT TUFF. 3% guartz-carb veinlets. 1% pyrite	D65802	55.35	56.35	1.00			
		56.35 57.35 INTERBEDDED BASALT TUFF-CHERT, 10% chert, 2%	D65803	56,35	57,35	1.00			
		57.35 58.50 INTERBEDDED BASALT TUFF-CHERT, 5% coarse	D65804	57.35	58,50	1.15			
		58.50 59.50 INTERBEDDED BASALT TUFF-CHERT, described above.	D65805	58,50	59,50	1.00			
		59.50 60.60 INTERBEDDED BASALT TUFF-CHERT, described above, 10% quartz-carbonate stringers.	D65806	59.50	60.60	1.10			
60.60	84.20	BASALT FLOW							
		Same as more highly fractured/brecciated part of 5.00 to 53.25, ie: that section below 35.00m. Average of 8% quartz-carbonate stringers occuring along randomly oriented tensional fractures. 60.60 to 60.75 massive fine grained pink felsic dike with sharp contacts at 40 degrees to core axis, 0.5% pyrite. 66.6 to 66.98 is a coarse grey-black granodioritic dike with an 11cm fine grained massive pink core dike contacts	•						
		at 40-50 degrees to core axis, 69,65 to 70.65 coarse grey-black granodioritic dike with 20cm fine grained massive pink felsic dike at lower contact 77.4 to 77.9 and 79.1 to 79.6 are weakly sheared at 30 degrees to core axis with: 8% quartz-carb stringers, 10% brown mica (concentrated around veinlets), and 5% fine disseminated pyrite.							
		66 00 67 00 BASALT FLOW with FFLSIC DYKE described above	D66007	66 00	67 00	1 00			

FROM TO -----DESCRIPTION------SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE 68.65 69.65 BASALT FLOW with 6 cm FELSIC DYKE. 10% D65808 68,65 69.65 1.00 guartz-carbonate stringers. 69.65 70.65 FELSIC DYKE described above. 69.65 1.00 D65809 70.65 70.65 72.00 BASALT FLOW, 10% quartz-carb veinlets, 3% D65810 70.65 72.00 1.35 pyrite. 77.00 78.00 BASALT FLOW, sheared described above. 77.00 78.00 1.00 D65811 78.00 79.00 BASALT FLOW, 10% guartz-carbonate stringers, D65812 78,00 79.00 1.00 1% pyrite. 79.00 80.00 BASALT FLOW, sheared, described above. D65813 79.00 80.00 1.00 81.50 82.50 BASALT FLOW, weak sheared, 5% guartz-carbonate D65814 81,50 82,50 1.00 stringers, 3% pyrite. 84.20 113.20 QUARTZ-FELDSPAR PORPHYRY This 'unit' is composed of two different intercalated intrusive lithologies in this hole neither lithology is dominant although in hole 037 (60 meters below this hole) it is evident that the QFP is a later phase intruding the origional equigranular granodiorite. GRANODIORITE: 50% 'dirty' white 2-3mm subhedral feldspar phenocrysts, 30% 1-3mm rounded translucent blue/white quartz eyes, 20% brown biotite as platy crystals and rounded crystal aggregates 3% pyrite as fine to medium grained disseminated cubic crystals, minor quartz and quartz-carbonate veinlets (discussed individually below) occur with associated pyrite enrichment minor epidote +/sericite occurs as patchy yellow alteration of some feldspar phenocrysts. QUARTZ-FELDSPAR PORPHYRY: 30% 2-3mm subhedral to rounded feldspar phenocrysts and 3% 1-2mm rounded white transparent blue-grey quartz eyes in a fine grained grey siliceous groundmass <0.5% fine disseminated pyrite, 2% patchy epidote alteration affecting isolated fine feldspar phenocrysts, weakly fractured with grey/green 'bleaching' along fractures. 109.30 to 109.60 and 110.0 to 110.20 highly fractured core, 5-10% white quartz veining, 1% pyrite. 111.9 to 112.95 mottled grey-greenish grey-white due to patchy silicification and bleaching, 112.95 to 113.20 COARSE EOUIGRANULAR GRANODIORITE with 2% pyrite. 84.20 85.20 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite. D65815 84.20 85.20 1.00 85,20 86,35 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite. D65816 85,20 86.35 1.15 86.35 87.50 QUART2-FELDSPAR PORPHYRY, 3 mm quartz vein at D65817 86.35 87,50 1.15 40 degrees to core axis, 87,50 89,00 OUARTZ-FELDSPAR PORPHYRY. D65818 87.50 89.00 1.50 89.00 90.00 QUARTZ-FELDSPAR PORPHYRY. D65819 89.00 90.00 1.00 90.00 91.00 QUARTZ-FELDSPAR PORPHYRY, 1+1.5 cm quartz vein D65820 90,00 91.00 1.00 at 80 degrees to core axis.

FROM	то	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	λu g/t RERUN	REJECT AV	erage
		91 00 92 00 CHARTZ-FEI DEPAR PORPHVRY	065821	91 00	92 00	1 00			
		92.00 92.00 QUARTE FEEDSTAR FOR MART.	065922	92.00	92,00	1 00			
		veiblets at 10 degrees to core avis	000022	32,00	33.00	1.00			
		02 00 04 00 ONBOTZ FELOSDAD DODDUVDY with 15 cm COADSE	065922	02 00	00 80	1 00			
		FORTCRANINA COMONICATE	003023	55.00	34,00	1.00			
		OA 00 95 00 OHARTZ-FEIDSPAR POPPHVEV 2 x 3 mm marte unin	D65924	94 00	95 00	1 00			
		st 40 degrees to core avia	000024	34.00	35.00	1.00			
		at 40 degrees to core axis, $05.00$ $96.15$ $0.13$ $PT_{2}$ $FFI DSP1P POPPUVEV 1 cm + 5 mm must 7$	065825	95 00	96 15	1 15			
		usin at 10 degrees to core axis	000020	33,00	30,13	1,15			
		96 15 97 65 COARSE FOULTGRANIE AR GRANODIORITE 6 + 10 mm	D65826	96 15	97 65	1 50			
		must z vein at 10 degrees to core avis with 1% nurite	000020	20110		*			
		97 65 99 20 OHARTZ-FELDSPAR PORPHYRY with 45 cm COARSE	D65827	97 65	99 20	1 55			
		FOULGRANIE AR GRANODIORITE, 2 cm must z vein at 70 degrees	20302.	57,000					
		to core axis							
		99 20 100 30 ONARTZ-FELDSPAR PORPHYRY. 4 mm martz vein at	D65828	99.20	100.30	1.10			
		80 degrees to core axis.							
		100.30 100.90 COARSE EOUIGRANULAR GRANODIORITE, 1% pyrite.	D65829	100.30	100,90	.60			
		100.90 101.90 OUARTZ-FELDSPAR PORPHYRY.	D65830	100.90	101.90	1.00			
		101.90 103.00 QUARTZ-FELDSPAR PORPHYRY.	D65831	101.90	103.00	1.10			
		103.00 104.00 OUARTZ-FELDSPAR PORPHYRY, 8 mm quartz vein	D65832	103.00	104.00	1.00			
		at 10 degrees to core axis.							
		104.00 105.35 OUART2-FELDSPAR PORPHYRY, silicification, 5%	D65833	104.00	105.35	1.35			
		irregular guartz vein.							
		105,35 106,00 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite.	D65834	105.35	106,00	.65			
		106,00 107,50 QUARTZ-FELDSPAR PORPHYRY, 10% patchy	D65835	106,00	107,50	1,50			
		silicification, 0.5% pyrite.							
		107.50 108.00 QUARTZ-FELDSPAR PORPHYRY, 'bleached', 0.5%	D65836	107.50	108.00	.50			
		pyrite.							
		109.00 110.50 QUARTZ-FELDSPAR PORPHYRY described above.	D65837	109.00	110.50	1.50			
		110,50 112.00 QUARTZ-FELDSPAR PORPHYRY 'bleached'.	D65838	110,50	112.00	1.50			
		112,00 113,20 INTERCALATED GRANODIORITE AND	D65839	112.00	113,20	1.20			
		QUART2-FELDSPAR PORPHYRY described above.							
113.20	118,08	FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE							
		Uniform, fine grained, weakly foliated, dark gre siliceous							
		dike,2% pervasive carbonitization locally carbonitization							
		reaches up to 4% giving the core a pinkish-grey color 2%							
		finely disseminated pyrite, locally up to >5% near							
		veinlets and sheared zones,							
		117,80 to 118.08 sheared at 40 degrees to core axis, 0.5%							
		pyrite, pink carbonate staining.	DEEDAO	112 20	114 70	1 50			
		113.20 114.70 FINE GRAINED (GRANUDIURITIC) FELSIC INTRUSIVE	D65040	114 70	116 40	1 70			
		114.70 110.40 TINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE	DEEGAN	116 40	110,40	1.70			
		TIG. NO TIG. VO FINE GRAINED (GRANUDIURITIC) FELSIC	D03042	110.40	110.00	1.00			

118.08 127.40 COARSE EQUIGRANULAR GRANODIORITE

INTRUSIVE, with 28 cm sheared.

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FROM	то	DESCRIPTION	SAMPLE	FROM	то	LENGTH	Au g/t RERUN	REJECT AVERAGE
		118.08 119.50 COARSE EQUIGRANULAR GRANODIORITE. 119.50 121.20 COARSE EQUIGRANULAR GRANODIORITE.	D65843 D65844	118.08 119.50	119.50 121.20	1.42 1.70		
		121.20 122.50 COARSE EQUIGRANULAR GRANODIORITE.	D65845	121.20	122,50	1.30		
		122.50 124.00 COARSE EQUIGRANULAR GRANODIORITE.	D65846	122.50	124.00	1.50		
		124.00 125.50 COARSE EQUIGRANULAR GRANODIORITE, 1 cm quartz vein at 40 degrees to core axis.	D65847	124.00	125.50	1.50		
		125.50 126.50 COARSE EQUIGRANULAR GRANODIORITE.	D65848	125.50	126,50	1.00		
		126.50 127.40 COARSE EQUIGRANULAR GRANODIORITE, 2 x 5 mm quartz vein at 70 and 40 degrees to core axis.	D65849	126.50	127.40	.90		
127.40	138,10	FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE						
		From 132.0 to 138.0 core is very block with few misses						
		longer than 10cm, most fractures occur at 45 to 55						
		127,40 129.00 FINE GRAINED (GRANODIORITIC) FELSIC	D65850	127.40	129.00	1.60		
		129.00 130.50 FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE, 2% quartz vein at 0 degrees to core axis, 3%	D65851	129.00	130,50	1.50		
		pyrite. 130,50 132,50 FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE. 8 mm quartz vein at 25 degrees to core axis, 4%	D65852	130.50	132.50	2.00		
		nvrite						
		132,50 134,00 FINE GRAINED (GRANODIORITIC) FELSIC	D65853	132.50	134.00	1.50		
		134,00 135.50 FINE GRAINED (GRANODIORITIC) FELSIC	D65854	134.00	135,50	1.50		
		135.50 137.00 FINE GRAINED (GRANODIORITIC) FELSIC	D65855	135,50	137.00	1,50		
		137,00 138.10 FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE, 3% pyrite.	D65856	137.00	138.10	1.10		
138.10	142.12	COARSE EQUIGRANULAR GRANODIORITE See 84.20 to 113.20 for description. Sheared contact from 138.0 to 138.25 with 2cm white quartz vein, 2% pyrite in vein inclusions, irregular contacts.						
		138.10 139.00 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite, with guartz vein described above.	D65857	138.10	139.00	.90		
		139.00 140.50 COARSE EQUIGRANULAR GRANODIORITE, 1% pyrite, 4 mm quartz vein at 20 degrees to core axis. Same as 113.20 to 118.08.	D65858	139.00	140.50	1.50		
		140.50 142.12 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite, 3 x 5 mm quartz vein.	D65859	140.50	142.12	1.62		
142.12	152.10	FINE GRAINED (GRANODIORITIC) FELSIC INTRUSIVE						

Quartz veins in this unit are 4-6mm wide with diffuse

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t RERUN	REJECT AVERAGE
		margins, at 45 degrees to core axis.						
		142.12 to 142.45 sheared contact, shearing at 25 degrees						
		to core axis, chlorite+carbonate alteration in shear.						
		11d Sneared along contact from 151.7 to 152.10, shearing						
		AC 35 GEGREES TO COLE AXIS,	DEEDEA	142 12	142 50	1 20		
		INTRUSIVE 3% purite with sheared described above	000000	142.12	143.00	1,30		
		143.50 144.50 FINE GRAINED (GRANODIORITIC) FELSIC	D65861	143.50	144.50	1.00		
		INTRUSIVE. 3% pyrite.	200001					
		144,50 146,00 FINE GRAINED (GRANODIORITIC) FELSIC	D65862	144.50	146.00	1.50		
		INTRUSIVE, 3% pyrite, 6 mm quartz vein.						
		146,00 147,50 FINE GRAINED (GRANODIORITIC) FELSIC	D65863	146.00	147,50	1,50		
		INTRUSIVE, 3% pyrite, 3 x 5 mm quartz vein.						
		147.50 149.00 FINE GRAINED (GRANODIORITIC) FELSIC	D65864	147,50	149.00	1.50		
		INTRUSIVE, 3% pyrite, 2 x 4 mm quartz vein.				4 50		
		149,00 150,50 FINE GRAINED (GRANODIORITIC) FELSIC	De2862	149.00	150.50	1.50		
		INIRUSIVE, 3% pyrite, 4 mm quartz vein.	DEEDEE	150 50	152 10	1 60		
		IJU, JU IJ2.IU FINE GRAINED (GRANODIORIIIC) FELSIC	000000	120.20	152.10	1.60		
		INTROSTAE, 5% pyrice with sheared described above.						
152.10	155.00	COARSE EOUIGRANULAR GRANODIORITE						
		See description under 84.20 to 113.20.						
		152.10 153.50 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite.	D65867	152.10	153,50	1.40		
		153.50 155.00 COARSE EQUIGRANULAR GRANODIORITE, 2% pyrite,	D65868	153,50	155.00	1.50		
		2% quartz vein,						
1.55								
122,00								

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PLACER DOMEINC.           Proj. No. 282 - KEEZHIK LAKE, ONT.           DDH LOCATIONS           Scale 1: 2500           Drawn J.W.           Date JUNE '89   NTS Ref. 52 P/15, 16									
Proj. No. 282 - KEEZHIK LAKE, ONT. DDH LOCATIONS Scale 1: 2500 Drawn J.W. Dwg. No. Date JUNE '89 NTS Ref. 52 P/15, 16 282-36	D PLACER DOME INC.								
DDH LOCATIONS           Scale 1: 2500         Drawn J.W.         Dwg. No.           Date JUNE '89         NTS Ref. 52 P/15, 16         282-36	Proj. No. 282 - KEEZHIK LAKE, ONT.								
Scale I: 2500         Drawn         J.W.         Dwg. No.           Date         JUNE '89         NTS Ref. 52 P/15, 16         282-36	DDH LOCATIONS								
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li the work was performed o	n Mining Claim(s):	See S	chedule	"B"					· .
quired Information eg:	type of equipme	nt, Names, Add	esses, etc.	(See Table B	elow)	<b>.</b>			•
282-033	224m	734.72	Januarv	19-21/89	)	0	Se Z		
282-034	191m	626.48	January	22-23/89	7.10		58	C SS SS	n • • • • • • • • • • • • • • • • • • •
282-035	224m	734.72	January	24-26/89	•	◀	- Work	Assia	N .
282-036	206m	675.68' 🔥 À	January	26 27/89	كولن (	3		101 0 0	e e
282-037	218m	715.04'	January	30-Febru	ary'l/	89		*~ <b>\</b> { \$	•
282-038	200m	656.00	Februar	y 2-3789	38	*		an a to all	•
282-039	200m	656.00	Februar	y 4⊶67/89	5475 -1/00	<b>K</b>	~ ~ ~ & C	いいがくな	· ·
282-040	155m 610m E	508.40 <sup>+</sup>	reoruar	y 27-Marc	n 1/89 10 1/89			Non G	Nj- Tank
Core Size: BQ	west Driiii	ng, 180 Cre	e cresc	ent X win	iipeg,	Manito	3 8 07 FT	RECEIVER	
•.								52	•
· · · · · · · · · · · · · · · · · · ·				Date of	Report		Reported Hold	r or Agent (Si	ignature)
stification Varifying Par	art of Mark			<u> </u>	LY 5/89	) 	In his	kul	
I hereby certify that I have or witnessed same during an	a personal and intin id/or after its comp	mate knowledge of pletion and the ann	the facts set exed report	forth in the F is true.	eport of W	ork annexi	ed hereto, having	performed th	e work
ame and Postal Address of Pe	erson Certifying								
Placer Dome Inc.				Date Co	tified		Certified by It:	onature!	·
383 Mooney Stree	t, Thunder	Bay, Ontari	io	Tule	7/00	3	Paul	Brn -	<b>.</b>
able of Information/Atta	chments Require	d by the Mining	Recorder	<u> </u>	. 0	L			
Type of Work	Specific	information per ty	/pe	Other inforr	nation (Cor	nmon to 2	or more types)	Attachn	nents
Venusi Wórk		A		].					
ihaft Sinking, Drifting or other Lateral Work	Nil			Names and manual wo with dates	addresses o rk/operated and hours o	of men who d equipment of employr	o performed nt, together nent,	Work Sketc are required the location	h: these I to show I and
Compressed air, other power Iriven or mechanical equip.	Type of equipme	nt		extent of work in relation to the nearest claim post.					
Power Stripping	Type of equipme Note: Proof of ac within 30 days of	nt and amount exp ctual cost must be f recording.	submitted	Names and together wi	addresses o th dates wi	of owner or nen drilling	r operator J/stripping		
Diamond or other core drilling	Signed core log si core, number and	howing; footage, d d angles of holes.	iameter of	dons.				Work Sketc above) in di	h (as uplicate
Land Survey	Name and addres	s of Ontario land s	urveyer.			NII		Ni	
ю (юй (2)									

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SCHEDULE "A" PROJECT 282 KEEZHIK LAKE				
CLAIM #		DAYS RECORDED		
BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	B36001 B36003 B36006 B36007 B36011 B36012 B36013 B36017 B36018 B36022 B36023 B36023 B36024 B36028 B36029 B36029 B36030 B36034 B36042 B36035 B36036 B36034 B36042 B360441 B36042 B360441 B36042 B360441 B360442 B360441 B360442 B360447 B360448 B50549 B12157 B12158 B12159 B12160 B12007 B12007 B13004 B13007 B13001 B130000 B130000 B130000 B130000000000	$ \begin{array}{c} 60 \\ 60 \\ 60 \\ 60 \\ 60 \\ 60 \\ 60 \\ 60 \\$		
TB TB TB	913014 913015 914944	120 120 120 140		

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	Page 2	
	CLAIM #	DAYS RECORDED
тв	914945	140
TB	914946	140
TB	914947	140
TB	914948	140
ТВ	914949	140
TB	914950	120
ΤB	914951	150
TB	914952	41
TB	927578	60
TB	927579	60
TB	927580	101
TB	927581	120
TB	927582	120
TB	927583	120
TB	927584	120
TB	927585	20
TB	927586	20
	10	
	DV	1750

TOTAL

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5307 M Kap Vail

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PROJECT 282 KEEZHIK LAKE

A.

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SCHEDULE "B" PROJECT 282 KEEZHIK LAKE

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## Work performed on Mining Claims:

TB	836018
TB	836024
TB	836025
ТB	836034
TB	836040
TB	913009
TB	913013
TB	927579
тв	927580
TB	827581
TB	927582
TB	927584
	Mul

72 claims

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