

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-01 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 11DEC86

Total Depth of Hole: 97.00 FT True Collar Azm of Hole: 0.00 Collar Dip: -45.

Northing: 245.00 Easting: 65.00 Collar elev: 0.00 FT

Survey: 0.00 to 97.00 True Azm of Hole: 0.00 Dip: -45.
*A001 Samp From

To Intrvl: PPMCU PPMNI PPMAG PMAU PPMAS PPBPT PPBPD

From: 0.00FT To: 67.70FT

*A001	16349	0.0	5.0	5.0	:	220	20	0.2	0.01	3	0.01	0.01		
*A001	26901	5.0	17.0	12.0	:	2300	22	2.9	0.01	1.0	0.130	100		
*A001	16350	17.5	21.0	3.5	:	2420	25	1.7	0.03	1.0	0.01	162		
*A001	26902	21.0	22.5	1.5	:	159	24	0.7	0.01	26	0.01	0.01		
*A001	16351	22.4	23.0	0.6	:	147	22	0.2	0.01	5	0.01	0.01		
*A001	16352	22.0	24.2	2.2	:	183	26	0.2	0.01	12	0.01	0.01		
*A001	16353	34.2	37.8	3.6	:	82	23	0.4	0.01	1.0	0.01	0.01		
*A001	16354	37.8	48.0	10.2	:	78	22	0.1	0.01	1.0	0.01	0.01		
*A001	16355	48.0	59.0	11.0	:	252	24	0.4	0.01	2	0.01	0.01		
*A001	26903	59.0	65.0	6.0	:	1880	50	1.0	0.01	7	0.01	19		
*A001	16356	64.8	75.0	10.2	:	235	15	0.2	0.01	1.0	0.01	14		

BASALT DARK GRAY AND WITH FRESH
 TEXTURE: VERY FINE GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 075
 1% PYRITE AS
 .3% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS SELVAGES
 .3% CALCITE AS
 .3% POTASH FELDSPAR AS VEINS
 .3% CALCITE AS BRECCIA FILLINGS
 MORE BROKEN NEAR SURFACE. FRESH WITH CALCITE VEINS
 PYRITE AND LOCAL ZONES OF (?) KSPAR ALTERATION.

From: 7.00FT To: 10.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BLACK
 TEXTURE: COARSE-GRAINED, BRECCIATED
 .01% PYRITE AS BLEBS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 5% CALCITE AS
 2.5% LIMONITE AS ENCRUSTATIONS
 .01% EPIDOTE AS PATCHES
 .3% CALCITE AS BRECCIA FILLINGS
 SMALL DYKE.

From: 10.00FT To: 12.50FT

100 % OF THIS SUBINTERVAL IS
 BASALT DARK GRAY AND WITH CRACKLE-BREC
 TEXTURE: VERY FINE GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 075
 1% PYRITE AS
 .3% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS SELVAGES

*A001 Samp From To Intrvl: PPMCU PPMNI PPMAG PPMU PPMAS PPBPT PPBPD

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.3% CALCITE AS
 1% LIMONITE AS ENCRUSTATIONS
 .01% MALACHITE AS ENCRUSTATIONS
 1% POTASH FELDSPAR AS FLOODING
 .3% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS DISSEMINATIONS
 .3% CALCITE AS BRECCIA FILLINGS

From: 21.00FT To: 22.30FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BLACK
 TEXTURE: COARSE-GRAINED, BRECCIATED
 1% PYRITE AS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 10% CALCITE AS BRECCIA FILLINGS
 .3% CALCITE AS BRECCIA FILLINGS

From: 22.30FT To: 23.30FT

100 % OF THIS SUBINTERVAL IS
 BASALT DARK GRAY AND WITH FELDSPATHIZE
 TEXTURE: VERY FINE GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 075
 1% PYRITE AS FRAMEWORK CRYSTALS
 .3% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 2.5% CALCITE AS BRECCIA FILLINGS
 .3% POTASH FELDSPAR AS VEINS
 1% CHLORITE AS SELVAGES
 2.5% POTASH FELDSPAR AS FLOODING
 2.5% CALCITE AS

From: 30.70FT To: 34.40FT

100 % OF THIS SUBINTERVAL IS
 BASALT DARK GRAY AND WITH FELDSPATHIZE
 TEXTURE: VERY FINE GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 075
 .3% PYRITE AS VEINS
 .3% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .01% CALCITE AS
 .3% POTASH FELDSPAR AS VEINS
 2.5% POTASH FELDSPAR AS FLOODING
 .3% CALCITE AS BRECCIA FILLINGS

From: 34.40FT To: 41.40FT

100 % OF THIS SUBINTERVAL IS
 LAPILLI TUFF GRAYISH GREEN AND WITH MOTTLED
 STRUCTURE: TOP CONTACT DIPPING 115

*A001 Samp From To Intrvl: PPMCU PPMNI PPMAG PPMU PPMAS PPBPT PPBPD

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.3% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .3% POTASH FELDSPAR AS VEINS
 .3% CALCITE AS BRECCIA FILLINGS
 INTERBED OF LAPILLI TUFF

From: 41.40FT To: 52.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT AND WITH FRESH
 TEXTURE:VERY FINE GRAINED
 STRUCTURE:BOTTOM CONTACT DIPPING 075
 1% PYRITE AS
 .3% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS SELVAGES
 .3% CALCITE AS
 % POTASH FELDSPAR AS

From: 59.30FT To: 67.70FT

100 % OF THIS SUBINTERVAL IS
 ANDESITE MEDIUM BLACK
 TEXTURE:PORPHYRITIC, FINE-GRAINED
 1% PYRITE AS
 .3% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 2.5% CALCITE AS
 5% POTASH FELDSPAR AS
 .3% CALCITE AS BRECCIA FILLINGS
 FINE FELDSPAR AND COARSE PYROXYENE PHENOCRYSTS

From: 67.70FT To: 97.00FT

*A001	16357	75.0	85.0	10.0	:	137	15	0.3	0.01	1.0	0.01	11
*A001	16358	85.0	95.0	10.0	:	112	13	0.3	0.01	1.0	0.01	10
*A001	16359	95.0	97.0	2.0	:	93	12	0.1	0.01	2	32	0.01

SYENITE DARK RED AND WITH MOTTLED, FRESH
 TEXTURE:COARSE-GRAINED, BANDED
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 1% CALCITE AS
 .3% UNIDENTIFIED CARBONATE AS EUHEDRAL
 FLOW BANDED SYENITE; VARIABLE INTENSITY OF BANDING
 AND VARIABLE PYROXYENE CONTENT: LOCALLY INTERNALLY
 DEFORMED.
 END OF HOLE AT 97.00 FEET.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-02 ****

Property:PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date:10DEC86

Total Depth of Hole: 154.00 FT

True Collar Azm of Hole: 0.00 Collar Dip: -60.00

Northing: 245.00 Easting: 65.00 Collar elev: 0.00 FT

Survey:
0.00 to 154.00 True Azm of Hole: 0.00 Dip: -60.00
*A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 1.80FT

OVERBURDEN: ROTARY DRILLE
*A001 16384

1.0 9.4 8.4 : 108 14 0.1 0.01 1.0 0.01 0.01

From: 1.80FT To: 85.60FT

*A001	26904	10.0	16.5	6.5	:	3370	24	2.6	0.02	4	0.65	190
*A001	16385	16.4	27.0	10.6	:	620	22	0.4	0.01	5	0.01	32
*A001	16386	27.0	37.0	10.0	:	280	10	0.1	0.01	1.0	0.01	0.01
*A001	16387	37.0	48.6	11.6	:	355	27	0.1	0.01	1.4	0.01	0.01
*A001	26905	48.5	53.5	5.0	:	450	26	0.1	0.02	3	0.01	0.01
*A001	16388	53.2	59.2	4.6	:	60	22	0.1	0.01	2	0.01	0.01
*A001	26561	58.5	66.0	7.5	:	360	29	0.2	0.01	1.6	0.01	0.01
*A001	26562	66.0	71.0	5.0	:	700	34	0.3	0.01	1.0	0.01	0.01
*A001	26563	71.0	75.0	4.0	:	490	31	0.3	0.06	1.0	0.01	0.01
*A001	26564	75.0	80.0	5.0	:	1610	27	0.8	0.07	2	0.01	0.01
*A001	26565	80.0	86.0	6.0	:	1200	26	0.8	0.08	7	0.01	0.01

BASALT GREENISH GRAY AND WITH MOTTLED
TEXTURE:VERY FINE GRAINED, FINE-GRAINED
.3% PYRITE AS VEINS
.01% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS ENCRUSTATIONS
1% CALCITE AS
1% POTASH FELDSPAR AS VEINS
5% POTASH FELDSPAR AS PERVASIVE
.3% LIMONITE AS ENCRUSTATIONS
.3% PYRITE AS DISSEMINATIONS
APHANITIC BASALT CUT BY SYENITE AND KSPAR VEINS WITH
LOCAL PERVASIVE ALTERATION; ROCKS CALCITE PYRITE
HEMATITE VEINED; LOCALLY SILICIFIED AND KSPAR
FLOODED.

From: 15.50FT To: 16.50FT

100 % OF THIS SUBINTERVAL IS
AUGITE SYENITE REDISH GRAY
TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, GRANITIC
2.5% PYRITE AS DISSEMINATIONS
.01% CHALCOPYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS DISSEMINATIONS
1% HEMATITE AS STAINIGS
.3% CALCITE AS
.3% MALACHITE AS ENCRUSTATIONS
.3% PYRITE AS DISSEMINATIONS

From: 44.60FT To: 46.30FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

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100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE REDISH GRAY
 STRUCTURE:BOTTOM CONTACT DIPPING 115
 .1% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS
 5% CALCITE AS
 2.5% POTASH FELDSPAR AS VEINS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 .3% PYRITE AS DISSEMINATIONS

From: 53.80FT To: 56.00FT

100 % OF THIS SUBINTERVAL IS
 GABBRO DARK GRAY AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, FINE-GRAINED, GABBROIC
 STRUCTURE:BOTTOM CONTACT DIPPING 075
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS SPOTS
 .3% HEMATITE AS STAINIGS
 1% CALCITE AS
 5% POTASH FELDSPAR AS
 .3% PYRITE AS DISSEMINATIONS

From: 56.00FT To: 57.60FT

100 % OF THIS SUBINTERVAL IS
 LAPILLI TUFF GRAYISH GREEN
 TEXTURE:FRAGMENTAL
 STRUCTURE:BOTTOM CONTACT DIPPING 120
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .3% PYRITE AS DISSEMINATIONS

From: 57.60FT To: 85.60FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE V. DARK BLACK AND WITH MOTTLED, 2.5% AUGITE
 TEXTURE:PORPHYRITIC, FINE-GRAINED
 .3% PYRITE AS BLEBS
 1% CHALCOPYRITE AS BLEBS
 1% MAGNETITE AS SPOTS
 .1% HEMATITE AS STAINIGS
 1% CALCITE AS
 2.5% POTASH FELDSPAR AS
 .01% PYRITE AS DISSEMINATIONS
 LARGE POIKILITIC AUGITE PHENOCRYSTS IN A FINE PYROX-
 ENITE MATRIX.

From: 85.60FT To: 154.00FT

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
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*A001	16389	85.6	90.0	4.4	91	11	0.1	0.01	1.0	0.01	12
*A001	16390	90.0	100.0	10.0	65	10	0.1	0.01	1.5	0.01	0.01
*A001	16391	100.0	110.0	10.0	104	16	0.1	0.01	1.0	0.01	0.01
*A001	16392	110.0	120.0	10.0	114	9	0.1	0.01	1.0	0.01	0.01
*A001	16393	120.0	130.0	10.0	103	10	0.1	0.01	1.0	0.01	10
*A001	16394	130.0	140.0	10.0	95	12	0.1	0.01	1.0	0.01	20
*A001	16395	140.0	150.0	10.0	71	12	0.1	0.01	1.0	0.01	0.01
*A001	16396	150.0	154.0	4.0	65	12	0.1	0.01	1.0	0.01	10

SYENITE, VAR. SHONKINITE REDISH BLACK AND WITH MOTTLED
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN, BANDED, EQUIGRANULAR
 STRUCTURE:TOP CONTACT DIPPING 065
 .01% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 .03% HEMATITE AS STAINIGS
 1% CALCITE AS

CONTAINS SMALL PYROXENITE INCLUSIONS; LOCALLY
 CONTAINS LARGE PHENOCRYSTS OF AUGITE.

From: 102.50FT To: 104.20FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 TEXTURE:BRECCIATED, COARSE-GRAIN, BANDED, EQUIGRANULAR
 2.5% HEMATITE AS FLOODING
 2.5% CALCITE AS MICROVEINS

From: 108.80FT To: 120.70FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 , BANDED, EQUIGRANULAR

From: 123.00FT To: 124.20FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE AND WITH MOTTLED
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN
 STRUCTURE:TOP CONTACT DIPPING 065
 .01% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 1% CALCITE AS

END OF HOLE AT 154.00 FEET.

End of Hole

AUTOREPORT

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-03 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 11DEC86

Total Depth of Hole: 112.00 FT

True Collar Azm of Hole: 052.00 Collar Dip: -45.00

Northing: 235.00 Easting: 25.00 Collar elev: 0.00 FT

Survey: 0.00 to 112.00 True Azm of Hole: 052.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 12.00FT

OVERBURDEN: ROTARY DRILLE

From: 12.00FT To: 12.50FT

*A001	16275	12.0	16.0	4.0	:	194	18	0.1	0.01	1.0	0.01	11
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SYENITE REDISH GRAY FRAGMENTS; MAY BE OVERBURDEN BLOCKS.

From: 12.50FT To: 112.00FT

*A001	26627	16.0	17.2	1.2	:	74	17	0.1	0.01	1.0	0.01	0.01
*A001	16276	17.2	23.3	6.1	:	366	17	0.2	0.01	5	0.01	0.01
*A001	16277	23.3	34.8	11.5	:	560	19	1.2	0.01	9	0.01	0.01
*A001	16278	34.8	37.2	2.4	:	230	23	0.4	0.01	1.0	0.01	18
*A001	26629	37.2	42.0	4.8	:	700	22	0.1	0.01	1.0	0.01	20
*A001	26630	42.0	47.0	5.0	:	350	22	0.2	0.01	1.0	0.01	17
*A001	16279	47.0	49.3	2.3	:	78	9	0.2	0.01	1.0	0.01	0.01
*A001	16280	49.3	52.0	2.7	:	181	16	0.1	0.01	1.0	0.01	0.01
*A001	16281	52.0	62.0	10.0	:	167	16	0.2	0.01	1.0	0.01	0.01
*A001	16282	62.0	63.0	1.0	:	286	15	0.6	0.01	1.0	0.01	0.01
*A001	20127	63.0	73.0	10.0	:	580	17	1.5	0.01	1.0	0.01	0.01
*A001	20128	73.0	78.0	5.0	:	590	14	1.2	0.01	9	0.01	32
*A001	16283	77.5	82.0	4.5	:	660	12	0.4	0.01	8	0.01	0.01
*A001	16284	82.0	89.4	7.4	:	245	22	0.2	0.05	1.0	0.01	21
*A001	16285	89.4	92.0	2.6	:	306	23	0.2	0.01	1.0	0.01	14
*A001	16286	92.0	98.0	6.0	:	145	17	0.2	0.01	1.0	0.01	17
*A001	16287	98.0	108.1	10.1	:	68	22	0.1	0.01	5	0.01	0.01
*A001	20134	106.0	107.0	1.0	:	2200	37	2.1	0.02	1.0	0.01	38
*A001	26628	109.0	112.0	3.0	:	1490	38	2.2	0.01	1.0	0.01	32

BASALT GREENISH GRAY AND WITH MOTTLED

TEXTURE: FINE-GRAINED, PORPHYRITIC, EQUIGRANULAR
 1% PYRITE AS
 2.5% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 5% CALCITE AS
 .3% LIMONITE AS STAINIGS
 50% CHLORITE AS PERVASIVE
 .3% POTASH FELDSPAR AS VEINS
 .3% PYRITE AS BLEBS
 ALTERED BASALT WITH SMALL PHENOCRYSTS OF FELDSPAR.

From: 35.00FT To: 52.00FT

100 % OF THIS SUBINTERVAL IS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

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PYROXENITE DARK GREEN AND WITH FELDSPATHIC
 TEXTURE:PORPHYRITIC, FINE-GRAINED, EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 5% CALCITE AS
 .3% LIMONITE AS ENCRUSTATIONS
 1% POTASH FELDSPAR AS
 30% CHLORITE AS PERVASIVE
 .3% PYRITE AS BLEBS
 CONTAINS LARGE PHENOCRYSTS OF PYROXENE.

From: 52.00FT To: 54.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH WHITE AND WITH MOTTLED
 TEXTURE:BRECCIATED, COARSE-GRAIN, EQUIGRANULAR
 .3% HEMATITE AS STAINIGS
 2.5% CALCITE AS
 5% LIMONITE AS FLOODING
 2.5% EPIDOTE AS
 .3% PYRITE AS BLEBS
 PROBABLY A DISRUPTED SYENITE DIKE.

From: 63.00FT To: 82.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT GREENISH GRAY AND WITH MOTTLED
 TEXTURE:BRECCIATED, PORPHYRITIC, EQUIGRANULAR
 2.5% PYRITE AS
 2.5% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FLOODING
 5% CALCITE AS
 2.5% LIMONITE AS FLOODING
 50% CHLORITE AS PERVASIVE
 .3% POTASH FELDSPAR AS VEINS
 .3% PYRITE AS BLEBS
 LOCALLY BRECCIATED.

From: 82.00FT To: 98.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH GRAY AND WITH FELDSPATHIC
 TEXTURE:PORPHYRITIC, FINE-GRAINED, EQUIGRANULAR
 STRUCTURE:TOP CONTACT DIPPING 115
 2.5% PYRITE AS
 5% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 10% CALCITE AS
 .3% LIMONITE AS ENCRUSTATIONS
 .3% POTASH FELDSPAR AS
 10% CHLORITE AS DISSEMINATIONS
 .3% PYRITE AS BLEBS

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-03 ****

page 3

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

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From: 98.00FT To: 104.50FT

100 % OF THIS SUBINTERVAL IS
AUGITE SYENITE REDISH BLACK
TEXTURE: BANDED, COARSE-GRAIN, EQUIGRANULAR
.3% PYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
10% CALCITE AS
10% CHLORITE AS DISSEMINATIONS
.3% PYRITE AS BLEBS
FLOW BANDED AUGITE SYENITE.

From: 110.00FT To: 112.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE REDISH BLACK
TEXTURE: COARSE-GRAINED, GRANITIC, EQUIGRANULAR
STRUCTURE: TOP CONTACT DIPPING 055
.3% PYRITE AS DISSEMINATIONS
5% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
10% CALCITE AS
10% CHLORITE AS PERVASIVE
.3% PYRITE AS BLEBS
END OF HOLE AT 112.00 FEET.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-4 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: RHP Date: 11DEC86

Total Depth of Hole: 211.00 FT

True Collar Azm of Hole: 64.00 Collar Dip: -45.00

Northing: 235.00 Easting: 25.00 Collar elev: 0.00 FT

Survey: 0.00 to 211.00 True Azm of Hole: 64.00 Dip: -45.00
 *A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

 From: 0.00FT To: 19.00FT

*A001 16465 18.0 28.0 10.0 : 430 16 0.8 0.01 2 0.01 0.01

 OVERBURDEN: ROTARY DRILLE

From: 19.00FT To: 211.00FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PD
*A001 16466	28.0	38.0	10.0	285	18	0.1	0.01	1.0	0.01
*A001 16467	38.0	48.0	10.0	274	16	0.2	0.01	1.0	0.01
*A001 16468	48.0	58.0	5.4	277	16	0.2	0.01	1.0	0.01
*A001 20133	54.0	56.0	2.0	226	17	1.0	0.99	1.0	0.01
*A001 16469	55.7	65.0	9.3	152	20	0.4	0.01	1.0	0.01
*A001 16470	65.0	75.0	10.0	395	17	1.0	0.01	1.0	0.01
*A001 16471	75.0	86.1	11.1	368	19	0.6	0.01	1.0	0.01
*A001 26907	80.0	80.5	3.5	200	17	0.1	0.01	1.0	0.01
*A001 16472	86.1	89.6	3.5	220	21	0.5	0.01	1.0	0.01
*A001 26906	88.0	88.5	5.5	150	22	0.9	0.01	1.0	0.01
*A001 16473	89.6	100.0	10.4	390	18	0.7	0.01	1.0	0.01
*A001 16474	100.0	107.2	7.2	320	14	1.0	0.01	1.0	0.01
*A001 20129	107.0	114.0	7.0	350	14	1.3	0.01	1.0	0.01
*A001 16475	114.0	115.6	1.6	560	14	0.3	0.01	1.0	0.01
*A001 26632	115.0	120.0	5.0	680	22	0.7	0.01	1.0	0.01
*A001 16477	126.0	137.0	10.1	500	34	1.1	0.01	1.0	0.01
*A001 16478	137.0	147.0	10.0	182	34	0.1	0.01	1.0	0.01
*A001 16479	147.0	158.1	11.1	162	27	0.2	0.01	1.0	0.01
*A001 26631	158.0	161.0	3.0	373	31	0.1	0.01	1.0	0.01
*A001 16480	160.0	170.0	9.1	112	38	0.5	0.01	1.0	0.01
*A001 16481	170.0	180.0	10.0	145	30	0.5	0.01	1.0	0.01
*A001 16482	180.0	190.0	10.0	241	39	0.2	0.01	1.0	0.01
*A001 16483	190.0	200.0	10.0	99	30	0.1	0.01	1.0	0.01
*A001 16484	200.0	211.0	11.0	103	31	0.5	0.01	1.0	0.01

BASALT DARK BLACK
 TEXTURE: VERY FINE GRAINED
 3% PYRITE AS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS
 1% POTASH FELDSPAR AS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 BASALT IS INTERBEDDED WITH CRYSTAL TUFF AND LAPILLI
 TUFF. TO 31 FT. THE CORE IS BROKEN DUE TO LEACHING
 OF CALCITE MICROVEINS.

From: 28.00FT To: 72.00FT

100 % OF THIS SUBINTERVAL IS
 LAPILLI TUFF GREENISH GRAY AND WITH MOTTLED, CHLORITIC

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.3% PYRITE AS GOUGE
 1% MAGNETITE AS PATCHES
 1% CALCITE AS
 .01% QUARTZ AS STAINIGS
 40% CHLORITE AS PERVASIVE
 40% BIOTITE AS PERVASIVE
 .01% HEMATITE AS FRAMEWORK CRYSTALS

From: 50.60FT To: 57.00FT

30 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
 TEXTURE: BRECCIATED

1% PYRITE AS
 2.5% CALCITE AS BRECCIA FILLINGS
 .3% LIMONITE AS ENCRUSTATIONS

.01% HEMATITE AS FRAMEWORK CRYSTALS
 BRECCIATED SYENITE DIKE IN LAPILLI TUFF.

From: 86.50FT To: 90.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE, VAR. SHONKINITE BLUEISH RED AND WITH MOTTLED
 STRUCTURE: TOP CONTACT DIPPING 075

.01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 .01% HEMATITE AS FRAMEWORK CRYSTALS

From: 100.20FT To: 102.50FT

100 % OF THIS SUBINTERVAL IS

LAPILLI TUFF GREENISH GRAY
 1% PYRITE AS

.3% CALCITE AS
 .01% HEMATITE AS FRAMEWORK CRYSTALS

From: 102.50FT To: 121.00FT

100 % OF THIS SUBINTERVAL IS

BASALT DARK BLACK
 TEXTURE: VERY FINE GRAINED

1% PYRITE AS
 1% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS FRAMEWORK CRYSTALS

1% CALCITE AS
 .3% LIMONITE AS FRAMEWORK CRYSTALS
 .01% HEMATITE AS FRAMEWORK CRYSTALS

From: 121.00FT To: 135.10FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE BLUEISH RED AND WITH MOTTLED
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 2.5% CALCITE AS
 .03% LIMONITE AS FRAMEWORK CRYSTALS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 LOCALLY BANDED AND SWIRLED. ABUNDANT MAFIC IN-
 CLUSIONS. LOCALLY GOES TO INTRUSIVE BRECCIA.

From: 135.10FT To: 169.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT DARK BLACK
 TEXTURE:VERY FINE GRAINED
 .3% PYRITE AS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 2.5% CALCITE AS
 2.5% POTASH FELDSPAR AS VEINS
 .1% LIMONITE AS ENCRUSTATIONS
 .01% HEMATITE AS FRAMEWORK CRYSTALS

From: 169.00FT To: 188.50FT

100 % OF THIS SUBINTERVAL IS
 BASALT GRAYISH WHITE AND WITH CRACKLE-BREC, BLEACHED
 TEXTURE:VERY FINE GRAINED
 .01% PYRITE AS DISSEMINATIONS
 .01% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 20% CALCITE AS
 .01% LIMONITE AS STAINIGS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 5% CALCITE AS BRECCIA FILLINGS
 INTENSELY CARBONATIZED BASALT.

From: 188.50FT To: 211.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT LIGHT GRAY AND WITH CRACKLE-BREC, BLEACHED
 TEXTURE:VERY FINE GRAINED
 .01% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 .03% HEMATITE AS STAINIGS
 10% CALCITE AS
 .01% LIMONITE AS STAINIGS
 .3% POTASH FELDSPAR AS VEINS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 5% CALCITE AS BRECCIA FILLINGS
 LESS CARBONATIZED THAN ABOVE.
 END OF HOLE AT 211 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-05 ****

Property: PLATINUM BLONDE

GRID LRG-1

Logged by: JRR Date: 11DEC86

Total Depth of Hole: 120.00 FT

True Collar Azm of Hole: 0.00 Collar Dip: -45.00

Northing: 390.00 Easting: -45.00 Collar elev: 0.00 FT

Survey:

0.00 to 120.00 True Azm of Hole: 0.00 Dip: -45.00

*A001

Samp

From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 5.00FT

OVERBURDEN: ROTARY DRILLE

From: 5.00FT To: 79.70FT

*A001	16734	5.0	15.0	10.0	:	860	19	1.1	0.01	1.0	0.01	0.01
*A001	16735	15.0	25.0	10.0	:	201	17	0.5	0.01	1.0	0.01	0.11
*A001	16736	25.0	35.0	10.0	:	138	12	0.1	0.01	1.0	0.01	0.01
*A001	16737	35.0	45.0	10.0	:	171	11	0.2	0.01	1.0	0.01	0.01
*A001	16738	45.0	55.0	10.0	:	119	10	0.2	0.01	1.0	0.01	0.01
*A001	16739	55.0	65.0	10.0	:	177	10	0.4	0.01	1.0	0.01	0.01
*A001	16740	65.0	75.0	10.0	:	103	18	0.1	0.01	1.0	0.01	0.01
*A001	16741	75.0	79.9	4.9	:	98	10	0.1	0.01	1.0	0.01	0.01

SYENITE REDISH GREEN
 TEXTURE: MEDIUM-GRAINED, BANDED
 STRUCTURE: BOTTOM CONTACT DIPPING 060
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS MICROVEINS
 1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 SYENITE CONTAINS LARGE FRESH MAFIC CRYSTALS AND ALTE-
 RED GROUNDMASS MAFIC MINERALS

From: 9.40FT To: 15.00FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE REDISH BLACK
 TEXTURE: COARSE-GRAINED
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS MICROVEINS
 1% UNIDENTIFIED CARBONATE AS

From: 38.00FT To: 58.00FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE REDISH BLACK AND WITH SPECKLED
 TEXTURE: COARSE-GRAINED, INEQUIGRANUL, BANDED
 .3% MAGNETITE AS PATCHES
 .01% CALCITE AS MICROVEINS
 .3% LIMONITE AS STAINIGS
 FRACTURE ZONES STAINED WITH LIMONITE

From: 61.90FT To: 62.10FT

PLATINUM BLONDE

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
VEIN
TEXTURE: BRECCIATED
STRUCTURE: VEIN DIPPING 020
1% HEMATITE AS STAINIGS
90% QUARTZ AS MACROVEINS

From: 72.50FT To: 74.90FT

100 % OF THIS SUBINTERVAL IS
SYENITE
TEXTURE: BRECCIATED, BANDED
STRUCTURE: BOTTOM CONTACT DIPPING 075
.01% PYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
.1% CALCITE AS MICROVEINS
% UNIDENTIFIED CARBONATE AS
ZONES OF GROUND SYENITE FRAGMENTS

From: 74.90FT To: 79.70FT

100 % OF THIS SUBINTERVAL IS
SYENITE DARK RED
TEXTURE: COARSE-GRAINED, BANDED
STRUCTURE: BOTTOM CONTACT DIPPING 060
.01% PYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
.1% CALCITE AS MICROVEINS
1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS

From: 79.70FT To: 103.90FT

*A001	16742	79.9	90.0	10.1	:	96	13	0.1	0.01	1.0	0.01	0.01
*A001	16743	90.0	94.8	4.8	:	190	13	0.2	0.01	2	0.01	0.01
*A001	16744	94.8	97.2	2.4	:	47	12	0.1	0.01	1.0	0.01	0.01
*A001	15291	97.2	105.0	7.8	:	216	12	0.1	0.01	1.0	0.01	0.01

BASALT GRAYISH GREEN AND WITH MOTTLED
TEXTURE: VERY FINE GRAINED
.3% PYRITE AS
2.5% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
1% CALCITE AS
1% POTASH FELDSPAR AS
.3% LIMONITE AS ENCRUSTATIONS
1% EPIDOTE AS PATCHES

From: 93.90FT To: 94.10FT

100 % OF THIS SUBINTERVAL IS
BASALT REDISH GRAY AND WITH FELDSPATHIZE, MOTTLED

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE:VERY FINE GRAINED
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .1% HEMATITE AS ENCRUSTATIONS
 1% CALCITE AS
 20% POTASH FELDSPAR AS FLOODING
 .3% LIMONITE AS ENCRUSTATIONS
 5% EPIDOTE AS PATCHES

From: 94.10FT To: 96.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GRAYISH GREEN AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 STRUCTURE:TOP CONTACT DIPPING 100
 2.5% MAGNETITE AS DISSEMINATIONS

.01% HEMATITE AS MICROVEINS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 1% EPIDOTE AS PATCHES

From: 100.13FT To: 101.60FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GRAYISH GREEN
 STRUCTURE:TOP CONTACT DIPPING 100
 10% EPIDOTE AS PERVASIVE

From: 102.60FT To: 103.90FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 TEXTURE:FINE-GRAINED, EQUIGRANULAR

.1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS MICROVEINS

From: 103.90FT To: 120.00FT

*A001	16745	105.0	110.5	5.5	:	82	12	0.1	0.01	1.0	0.01	0.01
*A001	16746	110.5	112.1	1.6	:	100	9	0.1	0.01	1.0	0.01	0.01
*A001	16747	112.1	120.0	7.9	:	185	13	0.1	0.01	1.0	0.01	0.01

SYENITE REDISH BROWN
 TEXTURE:BANDED, MEDIUM-GRAIN, EQUIGRANULAR
 1% PYRITE AS DISSEMINATIONS
 .1% CHALCOPYRITE AS STAINIGS
 1% MAGNETITE AS MICROVEINS
 1% HEMATITE AS VEINS
 10% EPIDOTE AS PERVASIVE
 LOCALLY GROUND AND INTERNALLY DISRUPTED

0303

From: 110.50FT To: 112.20FT

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-05 ****

page 4

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
SYENITE MEDIUM RED
TEXTURE: BANDED, MEDIUM-GRAIN, EQUIGRANULAR
1% PYRITE AS DISSEMINATIONS
.1% CHALCOPYRITE AS STAINIGS
1% MAGNETITE AS MICROVEINS
.01% HEMATITE AS STAINIGS
10% EPIDOTE AS PERVASIVE

End of Hole

END OF HOLE AT 120.00 FEET

0303

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-6 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: RHP Date: 11DEC86

Total Depth of Hole: 249.00 FT

True Collar Azm of Hole: 0.00 Collar Dip: -45.00

Northing: 410.00 Easting: 5.00 Collar elev: 0.00 FT

Survey: 0.00 to 249.00 True Azm of Hole: 0.00 Dip: -45.00
 *A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 3.00FT

OVERBURDEN: ROTARY DRILLE

From: 3.00FT To: 249.00FT

*A001	16485	3.0	10.0	7.0	170	12	0.2	0.01	1.0	0.01	0.01
*A001	16486	10.0	20.0	10.0	166	14	0.0	0.01	1.0	0.01	0.10
*A001	16487	20.0	30.0	10.0	113	15	0.0	0.01	1.0	0.01	0.01
*A001	16488	30.0	40.0	10.0	122	12	0.0	0.16	1.0	0.01	0.01
*A001	16489	40.0	50.0	10.0	186	11	0.0	0.01	1.0	0.01	0.01
*A001	16490	50.0	60.0	10.0	161	14	0.0	0.01	1.0	0.01	0.01
*A001	16491	60.0	70.0	10.0	143	13	0.0	0.01	1.0	0.01	0.01
*A001	16492	70.0	80.0	9.0	144	14	0.0	0.01	1.0	0.01	0.01
*A001	20130	79.0	87.0	6.0	180	18	0.0	0.01	1.0	0.01	0.01
*A001	16493	85.5	92.3	6.8	190	9	0.0	0.01	1.0	0.01	0.01
*A001	16494	92.3	103.3	10.7	183	13	0.0	0.01	1.0	0.01	0.01
*A001	16495	103.0	110.6	7.6	256	12	0.0	0.01	1.0	0.01	0.01
*A001	16496	110.6	117.8	7.2	87	17	0.0	0.01	1.0	0.01	0.01
*A001	16497	117.8	122.0	4.2	95	15	0.0	0.01	1.0	0.01	0.01
*A001	20131	122.0	129.7	7.3	148	14	0.0	0.01	1.0	0.01	0.01
*A001	16498	129.7	140.0	10.3	107	16	0.0	0.01	1.0	0.01	0.01
*A001	16499	140.0	150.0	10.0	128	13	0.0	0.01	1.0	0.01	0.01
*A001	16500	150.0	160.0	10.0	91	13	0.0	0.01	1.0	0.01	0.01
*A001	16726	160.0	170.0	10.0	67	14	0.0	0.01	1.0	0.01	0.01
*A001	16727	170.0	180.0	10.0	142	13	0.0	0.01	1.0	0.01	0.01
*A001	16728	180.0	190.0	10.0	137	13	0.0	0.01	1.0	0.01	0.01
*A001	16729	190.0	200.0	10.0	234	10	0.0	0.01	1.0	0.01	0.01
*A001	16730	200.0	206.3	6.3	171	12	0.0	0.01	1.0	0.01	0.01
*A001	16731	219.0	226.0	6.6	213	11	0.0	0.01	1.0	0.01	0.01
*A001	20132	226.0	240.0	5.0	38	13	0.0	0.01	1.0	0.01	0.01
*A001	16732	230.7	244.0	9.3	96	12	0.0	0.01	1.0	0.01	0.01
*A001	16733	240.0	244.0	4.0	79	13	0.0	0.01	1.0	0.01	0.01
*A001	26633	244.0	249.0	5.0	83	11	0.0	0.01	1.0	0.01	0.01
*A001	26634	206.0	219.0	13.0	224	8	0.2	0.01	3	0.01	0.01

SYENITE REDISH GRAY
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, BANDED
 .01% MAGNETITE AS PATCHES
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .1% HEMATITE AS FLOODING
 INTERMITTENTLY HEMATITE-STAINED. MINOR LEACHING TO
 5 FT. AND 31-34 FT.

From: 48.50FT To: 55.50FT

100 % OF THIS SUBINTERVAL IS

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-6 ****

page 2

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

AUGITE SYENITE BLUEISH RED AND WITH MOTTLED
TEXTURE:MEDIUM-GRAINED, CATACLASTIC, RUBBLE-BRECC
.3% PYRITE AS DISSEMINATIONS
.01% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS FLOODING
.01% CALCITE AS MICROVEINS
10% BIOTITE AS MICROVEINS
.1% HEMATITE AS FLOODING

From: 69.00FT To: 78.60FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED
STRUCTURE:FRACTURE SET DIPPING 065
0% PYRITE AS DISSEMINATIONS
0% MAGNETITE AS DISSEMINATIONS
1% HEMATITE AS
0% CALCITE AS
.3% QUARTZ AS VEINS
10% LIMONITE AS
.1% HEMATITE AS FLOODING

INTENSELY LEACHED AND OXIDIZED FRACTURED AND VEINED
INTERVAL.

From: 78.60FT To: 85.00FT

100 % OF THIS SUBINTERVAL IS

BASALT REDISH GRAY
TEXTURE:VERY FINE GRAINED, BANDED
STRUCTURE:VEIN DIPPING 046
1% PYRITE AS
.3% CHALCOPYRITE AS BLEBS
.01% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
1% CALCITE AS VEINS
20% QUARTZ AS VEINS
.1% LIMONITE AS STAINIGS
.1% HEMATITE AS FLOODING

From: 85.00FT To: 93.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED
STRUCTURE:FRACTURE SET DIPPING 070
0% PYRITE AS DISSEMINATIONS
0% MAGNETITE AS DISSEMINATIONS
1% HEMATITE AS
0% CALCITE AS
.3% QUARTZ AS VEINS
10% LIMONITE AS
.1% HEMATITE AS FLOODING

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

LEACHED ZONE AS 69-78.6 FT.

From: 101.00FT To: 105.60FT

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN
 .01% MAGNETITE AS PATCHES
 1% HEMATITE AS FLOODING
 .1% CALCITE AS

From: 105.60FT To: 109.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, BANDED
 STRUCTURE: FRACTURE SET DIPPING 055
 0% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS
 0% CALCITE AS
 3% QUARTZ AS VEINS
 5% LIMONITE AS
 .1% HEMATITE AS FLOODING

LESS INTENSELY LEACHED THAN 85-93 FT.

From: 110.00FT To: 118.00FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE GREENISH BLACK
 TEXTURE: FINE-GRAINED, BANDED
 .3% PYRITE AS
 2.5% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 1% POTASH FELDSPAR AS
 40% CHLORITE AS PERVASIVE
 40% BIOTITE AS PERVASIVE
 .1% HEMATITE AS FLOODING

From: 122.00FT To: 145.50FT

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN
 STRUCTURE: VEIN DIPPING 065
 .3% PYRITE AS
 .01% MAGNETITE AS PATCHES
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 1% QUARTZ AS VEINS

From: 145.00FT To: 192.90FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: FINE-GRAINED, COARSE-GRAIN
 .3% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .3% QUARTZ AS VEINS
 SPARSE PHENOCRYSTS OR PORPHYROBLASTS OF PYROXENE TO
 1 CM.
 SMALL CATACLASTIC ZONE 192.6-192.9 FT.

From: 202.00FT To: 202.30FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE REDISH BLACK
 TEXTURE: PEGMATITIC, COARSE-GRAIN, BANDED
 STRUCTURE: CONTACT DIPPING 065
 .01% MAGNETITE AS PATCHES
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .1% HEMATITE AS FLOODING

From: 206.40FT To: 223.50FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH GRAY AND WITH VUGGY
 TEXTURE: BRECCIATED, CATACLASTIC, BANDED
 0% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS ENCRUSTATIONS
 0% CALCITE AS
 1% SILICA AS BRECCIA FILLINGS
 1% SILICA AS
 5% HEMATITE AS FLOODING
 PYRITE APPARENTLY LEACHED OUT.

From: 223.50FT To: 232.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH GREEN
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, BANDED
 1% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 20% CHLORITE AS PATCHES
 .1% HEMATITE AS FLOODING

From: 232.00FT To: 244.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, BANDED

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-6 ****

page 5

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

STRUCTURE:FRACTURED DIPPING 046
.01% MAGNETITE AS PATCHES
1% HEMATITE AS FLOODING
.1% CALCITE AS
.3% HEMATITE AS ENVELOPES

From: 244.00FT To: 249.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GREEN
TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED
.3% PYRITE AS DISSEMINATIONS
0% MAGNETITE AS DISSEMINATIONS
.1% HEMATITE AS FRAMEWORK CRYSTALS
.1% CALCITE AS
10% CHLORITE AS
.1% HEMATITE AS FLOODING

End of Hole END OF HOLE AT 249 FT.

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-07 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 12DEC86

Total Depth of Hole: 278.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 515.00 Easting: -38.00 Collar elev: 0.00 FT

Survey: 0.00 to 278.00 True Azm of Hole: 180.00 Dip: -45.00
 *A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 8.00FT

OVERBURDEN: ROTARY DRILLE

From: 8.00FT To: 105.00FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PPB	PD
*A001 15558	8.0	10.0	2.0	120	12	0.4	0.01	1.0	0.01	0.01
*A001 15559	10.0	20.0	10.0	79	10	0.2	0.01	1.0	0.01	0.01
*A001 15560	20.0	30.0	10.0	107	12	0.2	0.01	1.0	0.01	0.01
*A001 15561	30.0	40.0	10.0	660	18	1.2	1.46	1.0	0.01	0.12
*A001 15562	40.0	50.0	10.0	117	17	0.1	2.01	1.0	0.01	0.01
*A001 26641	52.3	54.0	1.5	1650	11	1.8	5.9	1.0	0.01	0.01
*A001 26503	54.4	58.0	3.6	132	9	0.5	0.01	5	0.01	0.01
*A001 26640	58.0	60.0	2.0	345	11	0.0	0.01	1.0	0.01	0.01
*A001 15563	60.0	70.0	10.0	80	13	0.0	0.01	1.0	0.01	0.01
*A001 15564	70.0	80.0	10.0	103	15	0.3	0.01	1.0	0.01	0.01
*A001 15565	80.0	84.3	4.3	210	12	0.2	0.03	1.0	0.01	0.01
*A001 26639	84.0	85.2	1.2	61	6	0.4	0.01	1.0	0.01	0.01
*A001 15566	85.4	86.0	0.6	106	10	0.4	0.01	1.0	0.01	0.01
*A001 15567	96.0	101.8	5.8	55	10	0.4	0.01	1.0	0.01	0.01
*A001 15568	101.8	105.3	3.5	86	12	0.5	0.01	5	0.01	0.01

SYENITE MEDIUM RED AND WITH MOTTLED
 TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .3% CLAY AS PATCHES

From: 8.00FT To: 25.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE YELLOWISH BROWN AND WITH MOTTLED
 TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS
 .1% CALCITE AS
 1% LIMONITE AS FLOODING

From: 34.50FT To: 53.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH RED AND WITH MOTTLED
 TEXTURE: BRECCIATED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 5% CLAY AS PATCHES

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

GREEN CLAY(?) REPLACES BRECCIA GROUNDMASS AD MAFICS

From: 53.00FT To: 60.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE YELLOWISH BROWN AND WITH MOTTLED
 TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .3% LIMONITE AS FLOODING
 1% CLAY AS PATCHES

From: 66.50FT To: 80.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH RED AND WITH MOTTLED
 TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 2.5% CALCITE AS PERSVASIVE
 2.5% CLAY AS PATCHES

From: 80.50FT To: 90.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE PALE RED AND WITH MOTTLED, BLEACHED
 TEXTURE: BRECCIATED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 .1% CALCITE AS
 5% QUARIZ AS
 .3% LIMONITE AS STAINIGS

From: 90.00FT To: 102.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BROWN AND WITH MOTTLED
 TEXTURE: CATACLASTIC MATRIX, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 .1% CALCITE AS
 1% CLAY AS PATCHES
 LOCALY GRANULATED: SHORT SECTIONS NOT HAEMATIZED

From: 102.00FT To: 102.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BROWN AND WITH MOTTLED
 TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS PATCHES
 .1% CALCITE AS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

20% QUARTZ AS FLOODING
.3% CLAY AS PATCHES

From: 102.50FT To: 105.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE AND WITH MOTTLED
TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
.01% MAGNETITE AS DISSEMINATIONS
10% HEMATITE AS FLOODING
.1% CALCITE AS
5% QUARTZ AS VEINS
% CLAY AS

From: 105.00FT To: 185.50FT

*A001	15569	105.3	107.2	1.9	:	56	41	0.2	0.01	1.0	0.01	0.01
*A001	15570	107.2	118.0	10.8	:	165	14	0.2	0.08	1.0	0.01	0.01
*A001	15571	118.0	128.3	10.3	:	87	10	2.4	0.23	1.0	0.01	0.01
*A001	15572	128.3	139.0	10.7	:	27	11	0.8	0.21	1.0	0.01	0.01
*A001	15573	139.0	150.0	11.0	:	27	10	1.6	0.14	1.0	0.01	0.01
*A001	26638	150.0	155.0	5.0	:	13	8	1.0	0.21	1.0	0.01	0.01
*A001	15574	155.0	165.0	10.0	:	8	10	0.9	0.15	1.0	0.01	0.01
*A001	15575	165.0	175.4	10.4	:	13	13	0.9	0.11	1.0	0.01	0.01
*A001	15576	175.4	179.0	3.6	:	5	11	0.2	0.05	1.0	0.01	0.01
*A001	26637	179.0	184.5	5.0	:	2	11	1.2	0.01	1.0	0.01	0.01
*A001	15577	183.4	186.9	3.5	:	12	13	1.0	0.03	1.0	0.01	0.01

SHALE
10% HEMATITE AS FLOODING
5% CALCITE AS FLOODING
RU

From: 107.00FT To: 175.50FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA WHITE BROWN AND WITH MOTTLED
5% HEMATITE AS FLOODING
FAULT BRECCIA WITH CHILLED SYENITE AND MUDSTONE FRAGM
-ENTS IN CLAY DOMINATED MAIRIX

From: 176.00FT To: 183.20FT

100 % OF THIS SUBINTERVAL IS
SILT MEDIUM WHITE
LAYERS AND LENSES OF ORGANIC CARBON

From: 185.50FT To: 278.00FT

*A001	15578	186.9	198.5	11.6	:	11	12	0.2	0.01	1.0	0.01	0.01
*A001	15579	198.5	205.5	7.0	:	19	13	0.1	0.01	1.0	0.01	0.01
*A001	15580	205.5	215.0	9.5	:	68	12	0.4	0.01	9	0.01	0.01

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-07 ****

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	15581	215.0	218.0	3.0	60	18	0.4	0.01	2.0	0.01	0.01
*A001	15582	218.0	228.0	10.0	123	80	0.8	0.01	4.0	0.01	0.01
*A001	15583	228.0	238.0	10.0	22	15	0.2	0.01	1.0	0.01	0.01
*A001	15584	238.0	248.0	10.0	91	17	0.6	0.01	3.0	0.01	0.01
*A001	15585	248.0	258.0	10.0	6	10	0.2	0.01	1.0	0.01	0.01
*A001	15586	258.0	268.0	10.0	56	10	0.4	0.01	1.0	0.01	0.01
*A001	15587	268.0	278.0	10.0	111	13	0.3	0.01	1.0	0.01	0.01

SYENITE MEDIUM RED AND WITH MOTTLED

TEXTURE:MEDIUM-GRAINED, BANDED
 .01% HEMATITE AS STAINIGS
 .01% CALCITE AS MICROVEINS
 % AS

From: 185.50FT To: 187.50FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, BANDED
 10% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 % AS

CONTACT APPEARS SHARP; MAY BE WEATHERED

From: 218.00FT To: 222.70FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE V.DARK GREEN AND WITH FELDSPATHIZE, MOTTLED
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN, GABBROIC
 .3% PYRITE AS DISSEMINATIONS
 .3% MAGNETITE AS PERVASIVE
 .3% HEMATITE AS SELVAGES
 2.5% CALCITE AS
 5% POTASH FELDSPAR AS

From: 222.70FT To: 228.00FT

100 % OF THIS SUBINTERVAL IS

ANDESITE LIGHT GREEN AND WITH BLEACHED
 TEXTURE:VERY FINE GRAINED
 1% PYRITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 5% CALCITE AS PERVASIVE
 40% CHLORITE AS PERVASIVE

From: 228.00FT To: 244.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE ORANGEISH WHITE AND WITH MOTTLED, BLEACHED
 TEXTURE:MEDIUM-GRAINED, BANDED
 .01% PYRITE AS DISSEMINATIONS
 .03% HEMATITE AS FRAMEWORK CRYSTALS
 1% CALCITE AS
 1% LIMONITE AS PATCHES

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-07 ****

page 5

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

5% CHLORITE AS PATCHES

From: 224.00FT To: 250.50FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH BROWN AND WITH MOTTLED
TEXTURE: MEDIUM-GRAINED, BANDED
5% HEMATITE AS FLOODING
.01% CALCITE AS MICROVEINS
% AS

From: 250.50FT To: 268.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH WHITE AND WITH BLEACHED
TEXTURE: MEDIUM-GRAINED, BANDED
.01% HEMATITE AS STAININGS
.01% CALCITE AS MICROVEINS
% AS
ZONES OF NORMAL AND BLEACHED SYENITE

From: 268.00FT To: 275.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE BLUEISH GREEN AND WITH MOTTLED
TEXTURE: MEDIUM-GRAINED, BANDED
.3% HEMATITE AS DISSEMINATIONS
.01% CALCITE AS MICROVEINS
1% CHLORITE AS PATCHES

From: 275.00FT To: 278.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH BROWN AND WITH MOTTLED
TEXTURE: MEDIUM-GRAINED, BANDED
5% HEMATITE AS FLOODING
.01% CALCITE AS MICROVEINS
% AS

End of Hole END OF HOLE AT 278.00 FEET

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-8 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: RHP Date: 11DEC86

Total Depth of Hole: 100.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 515.00 Easting: -75.00 Collar elev: 0.00 FT

Survey: 0.00 to 100.00 True Azm of Hole: 180.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 4.00FT

OVERBURDEN: ROTARY DRILLE

From: 4.00FT To: 100.00FT

*A001	16454	4.0	14.0	10.0	88	11	0.4	0.01	2	0.01	0.01
*A001	16455	14.0	22.0	8.0	72	10	0.5	0.01	1	0.01	0.01
*A001	26635	22.0	29.0	7.0	20	93	0.5	0.01	1	0.01	15
*A001	16456	29.2	32.7	3.5	193	13	0.6	0.01	1	0.01	0.01
*A001	16457	32.7	40.0	7.3	116	9	0.4	0.01	1	0.01	0.01
*A001	16458	40.0	50.0	10.0	36	12	0.1	0.01	1	0.01	0.01
*A001	16459	50.0	60.0	10.0	8	12	0.1	0.01	1	0.01	0.01
*A001	16460	60.0	70.0	10.0	8	12	0.1	0.01	1	0.01	0.01
*A001	16461	70.0	78.7	8.7	50	10	0.1	0.01	1	0.01	0.01
*A001	16462	78.7	80.4	1.7	62	12	0.1	0.01	1	0.01	0.01
*A001	26636	80.4	85.2	5.0	7	11	0.5	0.01	1	0.01	0.01
*A001	16463	85.2	89.5	5.0	7	16	0.4	0.01	1	0.01	0.01
*A001	16464	85.9	100.0	14.1	22	12	0.1	0.01	1	0.01	0.01

SYENITE REDISH GRAY
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 .1% HEMATITE AS STAINIGS
 .01% CALCITE AS MICROVEINS
 .3% QUARTZ AS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 SYENITE STRONGLY FLOW BANDED: INTERMITANT ZONES OF
 HAEMATITE ENRICHMENT

From: 22.00FT To: 29.20FT

100 % OF THIS SUBINTERVAL IS
 ANDESITE DARK BLACK

TEXTURE: PORPHYRITIC, VERY FINE GR
 .3% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS
 80% BIOTITE AS PERSIVASE
 INCLUSION OF ANDESITE WITH LARGE (0.5CM) FELDSPAR
 PHENOCRYSTS

From: 33.00FT To: 41.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

1% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 .3% QUARTZ AS
 % UNIDENTIFIED CARBONATE AS

From: 41.00FT To: 42.30FT

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: CATACLASTIC MATRIX, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 .3% QUARTZ AS
 % UNIDENTIFIED CARBONATE AS

From: 43.00FT To: 43.40FT

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FLOODING
 .01% CALCITE AS
 2.5% QUARTZ AS VEINS
 % UNIDENTIFIED CARBONATE AS

From: 56.80FT To: 78.70FT

100 % OF THIS SUBINTERVAL IS

SYENITE
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 1% QUARTZ AS VEINS
 % UNIDENTIFIED CARBONATE AS

From: 78.70FT To: 80.40FT

100 % OF THIS SUBINTERVAL IS

SYENITE GREENISH RED
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .01% CALCITE AS MICROVEINS
 2.5% QUARTZ AS VEINS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 REDUCED ZONE PERIPHERAL TO A QUARTZ VEIN

From: 80.40FT To: 86.90FT

100 % OF THIS SUBINTERVAL IS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

SYENITE REDISH BROWN
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 .01% CALCITE AS PERVASIVE
 2.5% QUARTZ AS MACROVEINS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 .3% QUARTZ AS FLOODING

From: 86.90FT To: 88.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH RED
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 .3% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS FRAMEWORK CRYSTALS
 .01% CALCITE AS MICROVEINS
 1% QUARTZ AS MICROVEINS
 20% CHLORITE AS

From: 88.10FT To: 88.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BROWN
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 .01% CALCITE AS PERVASIVE
 2.5% QUARTZ AS MACROVEINS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS

From: 88.50FT To: 89.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GRAYISH GREEN
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 .01% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 .01% CALCITE AS MICROVEINS
 .3% QUARTZ AS
 50% CHLORITE AS

From: 89.50FT To: 100.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BROWN
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 0% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 2.5% QUARTZ AS VEINS
 .01% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 END OF HOLE AT 100.00 FEET

End of Hole

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

SYENITE REDISH GRAY
 TEXTURE:MEDIUM-GRAINED, BANDED
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 .01% CHLORITE AS SELVAGES
 FOLIATED MG SYENITE WITH SPARSE INCLUSIONS OF PYROX-
 ENITE AND INTERMITTENT ZONES OF HAEMATIZATION WITH
 GREEN CLAY.

From: 2.80FT To: 21.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE YELLOWISH BROWN
 TEXTURE:MEDIUM-GRAINED, BANDED
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS FRAMEWORK CRYSTALS
 .3% CALCITE AS
 2.5% LIMONITE AS

From: 84.00FT To: 86.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 TEXTURE:MEDIUM-GRAINED, BANDED
 2.5% PYRITE AS
 1% MAGNETITE AS FRAMEWORK CRYSTALS
 .3% CALCITE AS
 70% CHLORITE AS PERSVASIVE
 MAFIC INCLUSION VEINED BY PYRITE

From: 113.00FT To: 126.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GREEN
 TEXTURE:BRECCIATED, BANDED
 .03% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FLOODING
 2.5% CALCITE AS
 5% CHLORITE AS PATCHES

From: 126.00FT To: 162.00FT

20 % OF THIS SUBINTERVAL IS
 PYROXENITE V.DARK GREEN AND WITH FELDSPATHIZE, SPECKLED
 TEXTURE:FINE-GRAINED, GABBROIC
 2.5% PYRITE AS
 .01% HEMATITE AS STAINIGS
 1% CALCITE AS
 50% CHLORITE AS PERSVASIVE
 5% POTASH FELDSPAR AS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 162.00FT To: 174.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE DARK GREEN AND WITH ALTERED
TEXTURE: MEDIUM-GRAINED, BANDED
.01% PYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
3% CALCITE AS
5% CHLORITE AS
5% CLAY AS PATCHES

From: 217.00FT To: 243.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE GREENISH WHITE AND WITH MOTTLED
TEXTURE: COARSE-GRAINED, BANDED
.01% PYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
.3% CALCITE AS
.3% CHLORITE AS

From: 243.00FT To: 253.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
TEXTURE: COARSE-GRAINED, BANDED
1% PYRITE AS
1% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS FRAMEWORK CRYSTALS
.01% CALCITE AS DISSEMINATIONS
10% QUARTZ AS MACROVEINS
5% CLAY AS PATCHES
.3% CHLORITE AS SELVAGES
1% QUARTZ AS

From: 253.00FT To: 272.50FT

100 % OF THIS SUBINTERVAL IS
SYENITE
TEXTURE: COARSE-GRAINED, BANDED
.01% PYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
.3% CALCITE AS
% CHLORITE AS

From: 272.50FT To: 302.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE DARK GREEN
TEXTURE: MEDIUM-GRAINED, BANDED
.3% PYRITE AS DISSEMINATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

1% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FLOODING
 5% CALCITE AS
 .3% QUARTZ AS VEINS
 5% CLAY AS PATCHES
 2.5% CHLORITE AS

From: 303.00FT To: 336.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 TEXTURE:MEDIUM-GRAINED, BANDED
 1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 1% CALCITE AS
 5% EPIDOTE AS PATCHES
 5% CHLORITE AS
 POSSIBLE INCLUSIONS OF PYROXENE, 10/0

From: 303.00FT To: 336.00FT

10 % OF THIS SUBINTERVAL IS
 BASALT DARK GREEN AND WITH FELDSPATHIZE
 TEXTURE:FINE-GRAINED
 2.5% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 5% CALCITE AS
 30% CHLORITE AS PERSVASIVE
 10% POTASH FELDSPAR AS
 INCLUSIONS CONTAIN LARGE PHENOCRYSTS

From: 336.00FT To: 354.00FT

*A001	26646	337.0	347.0	10.0	:	600	43	0.1	0.01	2	0.01	0.01
*A001	26647	347.0	354.0	7.0	:	520	24	0.1	0.01	5	0.01	13

BASALT DARK GREEN
 TEXTURE:VERY FINE GRAINED
 2.5% PYRITE AS
 .3% CHALCOPYRITE AS BLEBS
 .3% CALCITE AS
 30% CHLORITE AS PERSVASIVE

From: 336.00FT To: 354.00FT

10 % OF THIS SUBINTERVAL IS
 DARK GREEN AND WITH FELDSPATHIZE, RECRYSTALLIZED
 5% POTASH FELDSPAR AS DISSEMINATIONS
 END OF HOLE AT 354.00 FEET

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-10 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 12DEC86

Total Depth of Hole: 179.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 450.00 Easting: 74.00 Collar elev: 0.00 FT

Survey: 0.00 to 179.00 True Azm of Hole: 180.00 Dip: -45.00
 *A001 Samp From To Intrvl:

PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 3.00FT

OVERBURDEN: ROTARY DRILL

From: 3.00FT To: 158.80FT

*A001	16434	3.0	10.3	7.3	110	15	0.4	0.001	1.0	0.01	0.01
*A001	26648	10.3	10.8	7.3	2570	23	1.3	0.001	1.0	0.01	0.12
*A001	16435	20.8	20.0	9.2	128	13	0.6	0.001	2.0	0.01	0.01
*A001	16436	20.8	27.9	9.2	126	13	0.4	0.001	1.0	0.01	0.01
*A001	26649	30.8	31.0	3.0	81	13	0.2	0.001	1.0	0.01	0.01
*A001	16437	30.8	36.6	5.8	141	12	0.4	0.001	1.0	0.01	0.01
*A001	26650	40.0	40.0	4.0	309	9	0.6	0.001	1.0	0.01	0.01
*A001	16438	49.7	50.0	3.0	106	13	0.4	0.001	1.0	0.01	0.01
*A001	16439	50.0	60.0	10.0	140	14	0.4	0.001	1.0	0.01	0.01
*A001	16440	60.0	70.0	10.0	111	13	0.4	0.001	1.0	0.01	0.01
*A001	16441	70.0	80.0	10.0	87	14	0.3	0.001	1.0	0.01	0.01
*A001	16442	90.0	90.0	10.0	76	12	0.3	0.001	1.0	0.01	0.01
*A001	16443	90.0	100.0	10.0	136	15	0.5	0.001	1.0	0.01	0.01
*A001	16444	100.0	110.0	10.0	66	12	0.1	0.001	1.0	0.01	0.01
*A001	16445	110.0	111.9	1.9	76	12	0.3	0.001	1.0	0.01	0.01
*A001	16446	112.7	120.0	7.3	72	12	0.2	0.001	1.0	0.01	0.01
*A001	26551	113.0	113.7	0.7	71	16	0.2	0.001	2.0	0.01	0.01
*A001	16447	120.0	130.0	10.0	9	12	0.3	0.001	1.0	0.01	0.01
*A001	26651	113.0	113.7	0.7	7300	63	11.0	0.010	5.0	0.01	1.43
*A001	16448	140.0	140.0	10.0	88	11	0.6	0.001	1.0	0.01	0.01
*A001	16449	140.0	150.0	10.0	72	10	0.3	0.001	1.0	0.01	0.01
*A001	16450	150.0	161.0	11.0	72	13	0.3	0.001	1.0	0.01	0.01

AUGITE SYENITE REDISH GRAY
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 STRUCTURE: VEIN DIPPING 070
 .3% PYRITE AS
 .01% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 .3% CALCITE AS
 1% QUARTZ AS
 .3% CHLORITE AS SELVAGES
 CUT BY NARROW CATACLASTIC ZONES

From: 34.50FT To: 37.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BROWN
 EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 10% HEMATITE AS FLOODING
 10% QUARTZ AS VEINS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 85.00FT To: 95.50FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE REDISH BLACK
 TEXTURE: BRECCIATED, COARSE-GRAIN, EQUIGRANULAR
 STRUCTURE: FRACTURE SET DIPPING 095
 .03% PYRITE AS DISSEMINATIONS
 .01% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 .3% CALCITE AS MICROVEINS
 1% QUARTZ AS
 2.5% CHLORITE AS SELVAGES
 GROUND SYENITE WITH QUARTZ VEINS + HAEMATITE

From: 123.70FT To: 127.40FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE V. DARK GREEN
 TEXTURE: BRECCIATED, COARSE-GRAIN, EQUIGRANULAR
 STRUCTURE: TOP CONTACT DIPPING 125
 2.5% PYRITE AS DISSEMINATIONS
 .01% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS FRAMEWORK CRYSTALS
 2.5% CALCITE AS
 .1% QUARTZ AS DISSEMINATIONS
 20% CHLORITE AS BLEBS
 SIMILAR CRUSH ZONE IN SYENITE NOTE QUARTZ FLOODING
 AND VEIN DEVELOPMENT WITH PYRITE FROM 127.40-144.50.
 SHORT CRUSH ZONE FROM 153.50-155.00

From: 158.00FT To: 158.80FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE GRAYISH WHITE AND WITH BLEACHED
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 STRUCTURE: VEIN DIPPING 070
 .3% PYRITE AS
 .01% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 .3% CALCITE AS
 1% QUARTZ AS
 10% CLAY AS PERVASIVE

From: 158.80FT To: 163.90FT

*A001 16451 161.0 164.5 3.5 : 46 53 0.2 0.01 1.0 0.01 0.01

FAULT LIGHT GREEN
 STRUCTURE: TOP CONTACT DIPPING 095, BOTTOM CONTACT DIPPING 095
 .01% PYRITE AS DISSEMINATIONS
 80% CLAY AS PERVASIVE

SOFT ARGILLIZED SYENITE GOUGE - FRAGMENTS OF FRESH

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-10 ****

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

ROCK

From: 163.90FT To: 179.00FT

*A001	16452	155.2	169.0	3.8	25	23	0.4	0.03	1.0	0.01	0.01
*A001	26652	165.0	166.0	1.0	11	30	0.1	0.01	1.0	0.01	0.01
*A001	26552	165.0	166.0	1.0							
*A001	26553	169.0	171.5	2.5	120	16	2.9	0.01	80	41	0.01
*A001	26653	169.0	171.5	2.5	23	22	0.1	0.01	1.0	0.01	0.01
*A001	16453	171.4	179.0	7.6							

BASALT GREENISH BLACK AND WITH FELDSPATHIZE, MOTTLED
 TEXTURE: VERY FINE GRAINED, BRECCIATED
 1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS PATCHES
 1% CALCITE AS
 5% POTASH FELDSPAR AS

From: 163.90FT To: 174.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT GRAYISH GREEN AND WITH FELDSPATHIZE, MOTTLED
 TEXTURE: VERY FINE GRAINED, BRECCIATED
 1% PYRITE AS
 1% MAGNETITE AS PATCHES
 1% HEMATITE AS
 5% CALCITE AS
 2.5% QUARTZ AS VEINS
 10% POTASH FELDSPAR AS
 10% CHLORITE AS PERVASIVE

End of Hole

END OF HOLE AT 179.00 FEET

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-11 ****

Property: PLATINUM BLONDE

GRID LRG-1

Logged by: JRR Date: 12DEC86

Total Depth of Hole: 349.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 390.00 Easting: 120.00 Collar elev: 0.00 FT

Survey: 0.00 to 349.00 True Azm of Hole: 180.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB Pd

From: 0.00FT To: 10.00FT

OVERBURDEN: ROTARY DRILLE

From: 10.00FT To: 349.00FT

*A001	15599	10.0	11.2	1.2	:	76	13	0.1	0.01	1.0	0.01	0.01
*A001	26575	11.0	12.7	1.7	:	63	12	0.6	0.04	1.4	0.01	0.01
*A001	15600	12.7	15.5	2.8	:	49	12	0.1	0.01	1.0	0.01	0.01
*A001	26576	15.0	17.5	2.5	:	73	18	0.8	0.26	1.5	0.01	0.01
*A001	16201	17.0	20.5	3.0	:	24	12	0.0	0.01	1.0	0.01	0.01
*A001	26577	20.0	24.4	3.6	:	0	12	0.0	0.01	1.0	0.01	0.01
*A001	16202	22.4	26.8	2.5	:	7	12	0.1	0.01	1.0	0.01	0.01
*A001	26578	27.0	30.0	2.2	:	99	11	0.2	1.22	1.0	0.01	0.01
*A001	26579	30.0	34.4	4.4	:	77	10	0.0	0.26	1.0	0.01	0.01
*A001	16203	34.0	35.0	1.0	:	5	13	0.0	0.01	1.0	0.01	0.01
*A001	16204	40.0	40.0	0.0	:	10	12	0.0	0.01	1.0	0.01	0.01
*A001	16205	55.0	59.2	4.2	:	86	12	0.1	0.01	1.0	0.01	0.01
*A001	26580	59.2	61.9	2.7	:	57	9	0.6	0.16	1.0	0.01	0.01
*A001	16206	61.9	71.3	9.4	:	84	11	0.0	0.01	1.0	0.01	0.01
*A001	26581	71.3	72.5	1.2	:	1	10	0.0	0.01	1.0	0.01	0.01
*A001	16207	72.5	83.0	10.5	:	81	11	0.1	0.01	1.0	0.01	0.01
*A001	16208	83.0	93.0	10.0	:	69	12	0.1	0.01	1.0	0.01	0.01
*A001	16209	93.0	99.4	6.4	:	72	11	0.0	0.01	1.0	0.01	0.01
*A001	26582	99.4	103.3	3.9	:	72	9	0.0	0.05	1.0	0.01	0.01
*A001	16210	102.0	113.0	11.0	:	68	11	0.1	0.01	1.0	0.01	0.01
*A001	16211	113.0	119.0	6.0	:	7	10	0.0	0.01	1.0	0.01	0.01
*A001	26583	119.0	123.0	4.0	:	8	10	0.0	0.01	1.0	0.01	0.01
*A001	16212	122.0	134.0	11.0	:	3	13	0.0	0.01	1.0	0.01	0.01
*A001	26586	135.0	136.8	1.8	:	66	10	0.4	0.01	1.0	0.01	0.01
*A001	16213	136.8	142.5	5.7	:	86	12	0.1	0.01	1.0	0.01	0.01
*A001	26585	142.5	147.0	4.5	:	77	11	0.0	0.01	1.0	0.01	0.01
*A001	16214	147.0	156.0	9.0	:	77	13	0.0	0.01	1.0	0.01	0.01
*A001	16215	156.0	164.0	8.0	:	27	11	0.1	0.01	1.0	0.01	0.01
*A001	26584	164.0	165.5	1.5	:	53	10	0.2	0.01	1.0	0.01	0.01
*A001	16216	165.5	171.7	6.2	:	80	12	0.0	0.01	1.0	0.01	0.01
*A001	26587	171.7	174.0	2.3	:	19	9	0.9	0.08	1.0	0.01	0.01
*A001	16217	174.0	184.0	10.0	:	1	11	0.1	0.01	1.0	0.01	0.01
*A001	16218	184.0	194.0	10.0	:	77	11	0.0	0.01	1.0	0.01	0.01
*A001	16219	194.0	204.0	10.0	:	3	12	0.0	0.01	1.0	0.01	0.01
*A001	16220	204.0	214.0	10.0	:	9	12	0.0	0.01	1.0	0.01	0.01
*A001	16221	214.0	224.0	10.0	:	3	12	0.0	0.01	1.0	0.01	0.01
*A001	16222	224.0	224.0	0.0	:	89	12	0.0	0.01	1.0	0.01	0.01
*A001	16223	224.0	234.0	10.0	:	9	12	0.0	0.01	1.0	0.01	0.01
*A001	16224	234.0	244.0	10.0	:	3	13	0.0	0.01	1.0	0.01	0.01
*A001	16225	244.0	255.0	11.0	:	20	12	0.0	0.01	1.0	0.01	0.01
*A001	16226	255.0	261.9	6.9	:	92	13	0.1	0.01	1.0	0.01	0.01
*A001	16227	261.9	274.0	12.1	:	69	11	1.2	0.01	1.0	0.01	0.01

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-11 ****

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	26588	263.0	265.0	2.0	95	9	0.5	0.01	16	0.01	0.01
*A001	16227	274.0	284.0	10.0	73	14	0.7	0.01	1.0	0.01	0.01
*A001	16228	284.0	294.0	10.0	90	13	0.1	0.01	1.0	0.01	0.01
*A001	16229	294.0	304.0	10.0	103	12	0.2	0.01	1.2	0.01	0.01
*A001	16230	304.0	314.0	10.0	86	12	0.2	0.01	1.0	0.01	0.01
*A001	16231	314.0	324.0	10.0	120	14	0.2	0.01	1.0	0.01	0.01
*A001	16232	324.0	334.0	10.0	60	12	0.1	0.01	1.0	0.01	0.01
*A001	16233	334.0	344.0	10.0	81	9	0.1	0.01	1.0	0.01	0.01
*A001	16234	344.0	349.0	5.0	96	12	0.1	0.01	16	0.01	0.01

SYENITE MEDIUM RED
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .1% QUARTZ AS VEINS
 .01% POTASH FELDSPAR AS VEINS
 2.5% CHLORITE AS
 2.5% CLAY AS PATCHES

From: 10.00FT To: 17.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM RED AND WITH WEATHERED

TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 .1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .1% CALCITE AS
 .1% QUARTZ AS VEINS
 1% LIMONITE AS
 .3% POTASH FELDSPAR AS
 2.5% CLAY AS PATCHES

From: 27.00FT To: 38.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE DARK RED
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR

1% PYRITE AS
 1% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 .1% CALCITE AS
 .1% QUARTZ AS VEINS
 5% CHLORITE AS SELVAGES
 5% CLAY AS PATCHES
 5% LIMONITE AS

LIMONITIC ZONE FROM 30.0 - 31.0 FT

From: 59.00FT To: 157.00FT

10 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN AND WITH BLEACHED

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE: BRECCIATED, COARSE-GRAIN, EQUIGRANULAR
 1% PYRITE AS
 1% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 2.5% CALCITE AS
 .1% QUARTZ AS VEINS
 2.5% CHLORITE AS SELVAGES
 10% CLAY AS PERVASIVE
 2.5% CLAY AS PATCHES

From: 208.00FT To: 235.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GREEN
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 1% CALCITE AS
 .1% QUARTZ AS VEINS
 5% CHLORITE AS SELVAGES
 2.5% CLAY AS PATCHES
 2.5% CLAY AS PATCHES

From: 260.00FT To: 278.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 TEXTURE: BRECCIATED, COARSE-GRAIN, EQUIGRANULAR
 .1% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS
 .3% CALCITE AS
 1% QUARTZ AS VEINS
 .3% CHLORITE AS SELVAGES
 10% CLAY AS PATCHES
 2.5% CLAY AS PATCHES
 FROM 280.0 FT INCREASE IN MAFIC INCLUSION CONTENT

From: 308.50FT To: 310.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE
 TEXTURE: BRECCIATED, COARSE-GRAIN
 .3% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 5% CALCITE AS
 .1% QUARTZ AS VEINS
 % CHLORITE AS
 % CHLORITE AS
 % CLAY AS
 FROM 320.0 PROGRESSIVE INCREASE OF PYROXENE PHENO-

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-11 ****

page 4

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

End of Hole

CRYSTS IN SYENITE
END OF HOLE AT 349.0 FEET

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-12 ****

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 18NOV86

Total Depth of Hole: 66.00 FT

True Collar Azm of Hole: 245.00 Collar Dip: -45.00

Northing: 265.00 Easting: 60.00 Collar elev: 0.00 FT

Survey: 3.00 to 66.00 True Azm of Hole: 245.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 3.00FT

OVERBURDEN: ROTARY DRILLE

From: 3.00FT To: 61.10FT

*A001	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	26501	6.0	8.0	2.0	35200	10	40	1.36	13	1520	2840
*A001	26554	3.0	8.0	5.0	19200	13	23	0.79	11	700	1620
*A001	26555	8.0	12.0	4.0	9100	26	12.0	0.37	13	93	870
*A001	9401	10.0	16.0	6.0	327	30	0.7	0.01	5	0.01	20
*A001	26556	12.0	15.0	3.0	2040	34	2.8	0.01	13	27	330
*A001	26557	21.0	26.0	5.0	3600	50	8	0.01	5	0.01	52
*A001	9402	26.0	30.0	4.0	246	37	0.4	0.01	7	0.01	0.01
*A001	9403	30.0	35.0	5.0	460	33	0.7	0.01	11	0.01	15
*A001	9404	35.0	40.0	5.0	860	96	0.7	0.01	16	0.01	20
*A001	26558	40.0	45.0	5.0	990	70	0.7	0.05	6	0.01	0.01
*A001	9413	45.0	56.5	11.5	283	76	0.1	0.01	8	0.01	20
*A001	26559	57.0	58.0	1.0	550	32	3.0	0.02	1.0	0.01	30
*A001	9414	58.2	61.2	3.0	308	33	0.2	0.01	6	0.01	15
*A001	26560	61.0	63.8	2.8	480	28	0.9	0.01	4	0.01	0.01

SYENITE, VAR. SHONKINITE DARK GRAY
 TEXTURE: VERY FINE GRAINED, COARSE-GRAIN
 .3% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 1% HEMATITE AS PERVASIVE

THE ENTIRE SEQUENCE CUT BY THIS DRILLHOLE CONSISTS OF ROCK OF SYENITIC COMPOSITION DISTINGUISHED CHIEFLY BY GRAIN SIZE VARIATIONS. THE CONTACT AT 60.1 FT. IS SHARP BUT THE COMPOSITION OF THE ROCK CHANGES LITTLE.

From: 3.00FT To: 6.00FT

100 % OF THIS SUBINTERVAL IS SYENITE LIGHT GRAY
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, GRAPHIC INTE
 1% HEMATITE AS STAINIGS
 3% GOETHITE AS ENCRUSTATIONS
 1% HEMATITE AS ENCRUSTATIONS

THIS INTERVAL WAS MINERALIZED AS THE INTERVAL BELOW WAS, WITH ABOUT 2% TOTAL SULFIDES INDICATED BY BOX-WORKS AND VOIDS.

From: 6.00FT To: 8.00FT

100 % OF THIS SUBINTERVAL IS SYENITE LIGHT GRAY

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, GRAPHIC INTE
 .3% PYRITE AS DISSEMINATIONS
 1% CHALCOPYRITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 5% MALACHITE AS ROSETTES
 .3% PYRITE AS MICROVEINS
 2.5% CHALCOPYRITE AS BLEBS

From: 8.00FT To: 15.40FT

100 % OF THIS SUBINTERVAL IS

TRACHYTE LIGHT GRAY
 TEXTURE:VERY FINE GRAINED
 1% PYRITE AS DISSEMINATIONS
 .3% MALACHITE AS ROSETTES
 1% GOETHITE AS ENCRUSTATIONS
 1% GOETHITE AS PERSVASIVE
 PERSVASIVE GOETHITE CONFINED TO UPPER 1 FT. AT CON-
 TACT.

From: 15.40FT To: 17.90FT

100 % OF THIS SUBINTERVAL IS

SYENITE, VAR. SHONKINITE DARK GRAY
 TEXTURE:CRACKLE-BRECCIATED, MEDIUM-GRAIN
 STRUCTURE:BOTTOM CONTACT DIPPING 090
 .3% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS PERSVASIVE
 2.5% CALCITE AS MICROVEINS

From: 17.90FT To: 19.40FT

100 % OF THIS SUBINTERVAL IS

SYENITE, VAR. SHONKINITE REDISH BLUE
 TEXTURE:COARSE-GRAINED, CRACKLE-BREC
 .03% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 1% HEMATITE AS PERSVASIVE
 2.5% CALCITE AS MICROVEINS

From: 19.40FT To: 21.40FT

100 % OF THIS SUBINTERVAL IS

FAULT BRECCIA DARK GRAY
 STRUCTURE:TOP CONTACT DIPPING 055
 30% CALCITE AS VEINS
 RUBBLE BRECCIA WITH MYLONITIC MATRIX AND 1"
 CARBONATE VEIN.

From: 21.40FT To: 24.60FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH GRAY
 TEXTURE: FINE-GRAINED, CRACKLE-BREC
 .01% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 .03% HEMATITE AS PERVASIVE
 1% CALCITE AS MICROVEINS
 .3% PYRITE AS MICROVEINS

From: 24.60FT To: 26.60FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLUE
 TEXTURE: COARSE-GRAINED, CRACKLE-BREC
 .01% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 1% HEMATITE AS PERVASIVE
 .3% CALCITE AS MICROVEINS
 5% CHLORITE AS SELVAGES
 VERY IRREGULAR LOWER CONTACT WITH ANGULAR
 INCLUSIONS OF UNDERLYING FINE-GRAINED UNIT.

From: 26.60FT To: 32.60FT

100 % OF THIS SUBINTERVAL IS
 TRACHYTE DARK GRAY
 TEXTURE: CRACKLE-BRECCIATED
 STRUCTURE: BOTTOM CONTACT DIPPING 060
 .01% PYRITE AS DISSEMINATIONS
 2.5% CALCITE AS MICROVEINS
 "BAKING" SUGGESTED BY REDDENING OF FELDSPARS WITHIN
 2-3" OF BOTH CONTACTS.

From: 32.60FT To: 36.60FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE DARK GRAY
 TEXTURE: COARSE-GRAINED, CRACKLE-BREC
 STRUCTURE: BOTTOM CONTACT DIPPING 080
 .01% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 1% HEMATITE AS PERVASIVE

From: 36.60FT To: 40.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE V. DARK GRAY
 TEXTURE: FINE-GRAINED, MEDIUM-GRAIN, CRACKLE-BREC, PORPHYRITIC
 .01% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 1% HEMATITE AS PERVASIVE
 1% CALCITE AS MICROVEINS

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-12 ****

page 4

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 40.10FT To: 44.90FT

100 % OF THIS SUBINTERVAL IS

TRACHYTE DARK GRAY
TEXTURE:VERY FINE GRAINED, CRACKLE-BREC
STRUCTURE:BOTTOM CONTACT DIPPING 075
1% PYRITE AS DISSEMINATIONS
2.5% CALCITE AS MICROVEINS

From: 44.90FT To: 61.10FT

100 % OF THIS SUBINTERVAL IS

SYENITE, VAR. SHONKINITE V.DARK GRAY
TEXTURE:FINE-GRAINED, MEDIUM-GRAIN, CRACKLE-BREC
STRUCTURE:BOTTOM CONTACT DIPPING 080
.01% PYRITE AS DISSEMINATIONS
.03% CHALCOPYRITE AS DISSEMINATIONS
1% HEMATITE AS PERVASIVE
1% CALCITE AS MICROVEINS

From: 61.10FT To: 66.00FT

DACITE GREENISH GRAY
TEXTURE:VERY FINE GRAINED, PORPHYRITIC
.03% PYRITE AS DISSEMINATIONS
.3% CALCITE AS MICROVEINS
END OF HOLE AT 66.0 FT.

*A001 9415 63.5 66.0 2.5 : 84 30 0.1 0.01 1.0 0.01 0.01

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-13 ****

Property:PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date:12DEC86

Total Depth of Hole: 168.00 FT

True Collar Azm of Hole: 315.00 Collar Dip: -45.00

Northing: 242.00 Easting: 82.00 Collar elev: 0.00 FT

Survey:
0.00 to 168.00 True Azm of Hole: 315.00 Dip: -45.00
*A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 9.50FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PD
*A001 26589	0.0	5.0	720	23	1.0	0.01	7	51	20
*A001 26590	5.0	9.5	690	26	0.8	0.01	7	22	50

SYENITE REDISH BLACK AND WITH WEATHERED
TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR

- 0.3% PYRITE AS
- 2.5% MAGNETITE AS DISSEMINATIONS
- 1% HEMATITE AS FRAMEWORK CRYSTALS
- 3% CALCITE AS
- 3% POTASH FELDSPAR AS
- 0.3% CLAY AS BRECCIA FILLINGS
- 1% LIMONITE AS BOXWORK
- 1% HEMATITE AS STAINIGS

NUMEROUS SMALL ROUNDED MAFIC INCLUSIONS. IRREGULAR
CONTACT. FREQUENT SHORT INTERVALS OF OLD, HEALED
BRECCIA, POSSIBLY FLOW BRECCIAS, LATER CRACKLED
WITH CALCITE. VEIN FILLING IS CALCITE > QUARTZ.
OPALINE SILICA VEINLET NOTED AT 146 FT.

From: 9.50FT To: 168.00FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PD
*A001 26591	9.5	24.0	188	31	0.8	0.01	14	0.01	0.01
*A001 16397	24.0	30.0	162	28	0.2	0.01	4	0.01	0.01
*A001 16398	30.0	40.0	135	20	0.2	0.01	1	0.01	0.01
*A001 16399	40.0	50.0	227	22	0.1	0.01	1	0.01	0.01
*A001 16400	50.0	60.0	160	19	0.1	0.01	5	0.01	0.01
*A001 16401	60.0	66.7	199	14	0.1	0.01	7	0.01	0.01
*A001 15290	66.3	70.0	58	15	0.1	0.01	3	0.01	0.01
*A001 16402	70.0	80.0	131	31	0.1	0.01	6	0.01	0.01
*A001 16403	80.0	86.8	145	37	0.1	0.01	4	0.01	0.01
*A001 26592	87.0	91.0	125	31	0.5	0.01	6	0.01	0.01
*A001 16404	91.2	100.0	115	27	0.1	0.01	1	0.01	0.01
*A001 16405	100.0	110.0	83	19	0.1	0.01	2	0.01	0.01
*A001 16406	110.0	120.0	86	17	0.1	0.01	4	0.01	0.01
*A001 16407	120.0	150.0	52	16	0.1	0.01	1	0.01	0.01
*A001 16408	130.0	140.0	127	26	0.1	0.01	13	0.01	0.01
*A001 16409	140.0	150.0	85	30	0.1	0.01	15	0.01	0.01
*A001 16410	150.0	160.0	96	27	0.1	0.01	7	0.01	0.01
*A001 16411	160.0	168.0	100	28	0.1	0.01	13	0.01	0.01

BASALT V. DARK GRAY AND WITH CRACKLE-BREC

- TEXTURE:VERY FINE GRAINED
- 0.3% PYRITE AS
- 3% MAGNETITE AS DISSEMINATIONS
- 0.1% HEMATITE AS STAINIGS
- 1% CALCITE AS
- 0.1% QUARTZ AS

AUJUREPORT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.01% SILICA AS MICROVEINS
SPECIMEN FOR THIN SECTION TAKEN AT 13 FT.

From: 9.50FT To: 26.00FT

100 % OF THIS SUBINTERVAL IS
BASALT DARK GRAY AND WITH BLEACHED, CRACKLE-BRECCIATE
TEXTURE:VERY FINE GRAINED

1% PYRITE AS
.3% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
2.5% CALCITE AS BRECCIA FILLINGS
.01% QUARTZ AS
20% CHLORITE AS SELVAGES
.01% HEMATITE AS STAINIGS
1% CALCITE AS PERVASIVE

GOES TO CALCITE-MATRIX RUBBLE BRECCIA AT 24-25 FT.

From: 75.50FT To: 79.60FT

100 % OF THIS SUBINTERVAL IS
BASALT DARK GRAY AND WITH BLEACHED
TEXTURE:VERY FINE GRAINED

.3% PYRITE AS
0% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
.3% CALCITE AS
.01% QUARTZ AS
.3% POTASH FELDSPAR AS

From: 116.50FT To: 117.00FT

100 % OF THIS SUBINTERVAL IS
BASALT LIGHT GRAY AND WITH BLEACHED, CRACKLE-BRECCIATE
TEXTURE:VERY FINE GRAINED

0% PYRITE AS
0% MAGNETITE AS DISSEMINATIONS
0% HEMATITE AS STAINIGS
1% CALCITE AS BRECCIA FILLINGS
.01% QUARTZ AS
5% CLAY AS PERVASIVE
1% CALCITE AS

END OF HOLE AT 168 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-14 ****

Property:PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date:12DEC86

Total Depth of Hole: 158.00 FT

True Collar Azm of Hole: 45.00 Collar Dip: -45.00

Northing: 242.00 Easting: 82.00 Collar elev: 0.00 FT

Survey: 0.00 to 158.00 True Azm of Hole: 45.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 3.00FT

*A001 26593 0.0 9.5 9.5 : 780 22 11.0 0.01 11 0.01 23
 SYENITE REDISH BLUE AND WITH MOTTLED, WEATHERED
 TEXTURE:FINE-GRAINED
 .3% PYRITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 CONTAINS INCLUSIONS OF MAFICS.

From: 3.00FT To: 93.50FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PD		
*A001 26594	9.5	22.0	12.5	:	127	26	0.4	0.01	13	0.01	0.01
*A001 26595	22.0	32.0	10.0	:	153	26	0.1	0.01	16	0.01	0.01
*A001 26596	32.0	42.0	10.0	:	179	33	0.1	0.01	650	0.01	0.01
*A001 15415	42.0	45.5	3.5	:	62	36	0.1	0.01	41	0.01	0.01
*A001 26597	45.5	49.8	4.3	:	670	70	1.6	0.01	161	0.01	0.01
*A001 15416	49.8	55.3	5.5	:	53	20	0.1	0.01	5	0.01	0.01
*A001 26598	56.0	59.5	3.5	:	151	37	0.4	0.03	11	0.01	0.01
*A001 15417	58.4	67.6	9.2	:	131	32	0.1	0.01	5	0.01	0.01
*A001 15282	64.6	64.8	0.2	:	770	65	1.0	0.16	50	0.01	0.32
*A001 15283	67.6	70.2	2.6	:	206	42	0.3	0.03	8	0.01	0.01
*A001 15418	70.2	73.0	2.8	:	126	28	0.1	0.01	5	0.01	0.01
*A001 15284	70.7	71.1	0.4	:	154	31	3.0	0.10	2	0.01	0.34
*A001 15419	73.0	83.0	10.0	:	172	18	0.1	0.01	2	0.01	0.01
*A001 15420	83.0	93.2	10.2	:	260	28	0.1	0.01	2	0.01	0.01
*A001 15421	93.2	104.0	10.8	:	80	11	0.1	0.01	1.0	0.01	19

BASALT DARK GRAY AND WITH CRACKLE-BREC
 TEXTURE:VERY FINE GRAINED
 .5% PYRITE AS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 1% CALCITE AS
 10% CHLORITE AS SELVAGES
 .3% PYRITE AS BLEBS
 THE COLOR IS RATHER LIGHT FOR BASALT--THERE IS A
 PINK TONE IN PLACES--POSSIBLY FELDSPATHIZED.

From: 17.00FT To: 20.00FT

100 % OF THIS SUBINTERVAL IS
 BASALT LIGHT GRAY AND WITH BLEACHED
 TEXTURE:BRECCIATED
 2.5% PYRITE AS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 30% CALCITE AS BRECCIA FILLINGS
 5% LIMONITE AS ENCRUSTATIONS

ADULTERANT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

3% PYRITE AS BLEBS
5% CALCITE AS PERVASIVE

From: 49.00FT To: 58.50FT

100 % OF THIS SUBINTERVAL IS
BASALT REDISH GREEN AND WITH CRACKLE-BREC
TEXTURE:VERY FINE GRAINED

.01% PYRITE AS PATCHES
0% MAGNETITE AS DISSEMINATIONS
2.5% HEMATITE AS FLOODING
1% CALCITE AS
2.5% CHLORITE AS SELVAGES
.3% PYRITE AS BLEBS
1% HEMATITE AS VEINS

From: 58.50FT To: 59.50FT

100 % OF THIS SUBINTERVAL IS
BASALT REDISH GRAY AND WITH FELDSPATHIZE

TEXTURE:VERY FINE GRAINED
.01% PYRITE AS DISSEMINATIONS
0% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS FRAMEWORK CRYSTALS
.3% CALCITE AS
60% POTASH FELDSPAR AS FLOODING
10% CHLORITE AS PERVASIVE
.3% PYRITE AS BLEBS

From: 78.00FT To: 93.50FT

100 % OF THIS SUBINTERVAL IS
BASALT REDISH GRAY AND WITH FELDSPATHIZE

TEXTURE:VERY FINE GRAINED
.3% PYRITE AS DISSEMINATIONS
5% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
1% CALCITE AS
1% QUARTZ AS
30% POTASH FELDSPAR AS FLOODING
1% CHLORITE AS SELVAGES
.3% PYRITE AS BLEBS

QUARTZ-CALCITE VEINS. PATCHILY ALTERED.

From: 93.50FT To: 158.00FT

*A001	15422	104.0	114.0	10.0	::	158	10	0.1	0.01	2	0.01	18
*A001	15423	114.0	124.0	10.0	::	161	16	0.1	0.01	1.0	0.01	11
*A001	15424	124.0	134.0	10.0	::	57	13	0.1	0.01		0.01	0.01
*A001	15425	134.0	144.0	10.0	::	80	14	0.1	0.01	2	0.01	10
*A001	15426	144.0	154.0	10.0	::	177	12	0.1	0.01	3	0.01	0.01
*A001	15427	154.0	163.1	9.1	::	36	12	0.1	0.01		0.01	0.01

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-14 ****

page 3

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

SYENITE REDISH GRAY
TEXTURE:MEDIUM-GRAINED, FLOW-BANDED
.01% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
.3% CALCITE AS

NUMEROUS SMALL ROUND MAFIC INCLUSIONS NEAR CONTACT.
SPARSE PYROXENE PHENOCRYSTS FROM 105 FT., BECOMING
MORE NUMEROUS FROM 120 FT. TO THE END OF THE HOLE.
THE PHENOCRYSTS ARE PROBABLY BIOTITE AFTER PYROXENE.
END OF HOLE AT 158 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-15 ****

page 1

Property:PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date:13DEC86

Total Depth of Hole: 178.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 520.00 Easting: -10.00 Collar elev: 0.00 FT

Survey: 0.00 to 178.00 True Azm of Hole: 180.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 4.00FT

OVERBURDEN: ROTARY DRILLE

From: 4.00FT To: 84.00FT

*A001	15403	4.0	14.0	10.0	...	53	36	0.1	0.01	1.0	0.01	0.01
*A001	15404	14.0	24.0	10.0	...	53	36	0.1	0.01	1.0	0.01	0.01
*A001	15405	24.0	34.0	10.0	...	55	10	0.2	0.01	2	0.01	0.01
*A001	15406	34.0	37.0	3.0	...	128	9	0.9	0.06	4	0.01	0.01
*A001	26511	37.0	39.0	2.0	...	550	9	8.0	0.01	9	0.01	0.01
*A001	15407	39.1	41.4	2.3	...	66	8	0.3	0.01	2	0.01	0.01
*A001	26512	41.2	43.0	1.8	...	13800	8	3.0	0.01	3	0.01	0.01
*A001	26513	43.5	43.8	0.3	...	319	8	1.5	0.34	8	0.01	0.01
*A001	26514	43.8	45.0	1.2	...	184	8	1.2	0.01	6	0.01	0.01
*A001	26515	45.0	55.0	10.0	...	157	9	0.7	0.02	6	0.01	0.01
*A001	26516	55.0	63.0	8.0	...	119	10	0.5	0.01	2	0.01	0.01
*A001	26517	63.0	77.0	14.0	...	133	10	0.4	0.01	2	0.01	0.01
*A001	15408	75.9	84.1	8.2	...	133	10	0.4	0.01	2	0.01	0.01

SYENITE DARK GRAY AND WITH MOTTLED
TEXTURE:MEDIUM-GRAINED, BANDED
.01% HEMATITE AS STAINIGS
20% BIOTITE AS ROSETTES
.01% LIMONITE AS STAINIGS

From: 4.00FT To: 21.00FT

70 % OF THIS SUBINTERVAL IS
SYENITE YELLOWISH BROWN AND WITH WEATHERED
TEXTURE:BRECCIATED, BANDED
2.5% HEMATITE AS FLOODING
2.5% CLAY AS PATCHES
20% LIMONITE AS

From: 4.00FT To: 21.00FT

30 % OF THIS SUBINTERVAL IS
BASALT GREENISH BLACK
, VERY FINE GR
.01% PYRITE AS DISSEMINATIONS
.3% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
.01% CALCITE AS MICROVEINS
1% LIMONITE AS ENCRUSTATIONS

From: 30.00FT To: 40.50FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BLACK AND WITH MOTTLED, CRACKLE-BRECCIATE
 TEXTURE:MEDIUM-GRAINED, BANDED
 2.5% HEMATITE AS FRAMEWORK CRYSTALS
 .01% CALCITE AS MICROVEINS
 20% BIOTITE AS ROSETTES
 5% LIMONITE AS
 COMING INTO A MAJOR FAULT BRECCIA.

From: 40.50FT To: 63.00FT

100 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA ORANGEISH BROWN AND WITH MOTTLED
 TEXTURE:CATACLASTIC MATRIX, BANDED
 5% HEMATITE AS
 .01% CALCITE AS MICROVEINS
 .3% QUARTZ AS VEINS
 30% CLAY AS PATCHES
 30% LIMONITE AS PERVASIVE
 .03% MALACHITE AS MICROVEINS
 MALACHITE RESTRICTED TO THE ONE QUARTZ VEIN AT 43 FT.

From: 63.00FT To: 84.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE DARK GRAY AND WITH CRACKLE-BREC
 TEXTURE:MEDIUM-GRAINED, BANDED
 5% HEMATITE AS FRAMEWORK CRYSTALS
 .3% CALCITE AS VEINS
 .3% QUARTZ AS VEINS
 20% CLAY AS PATCHES
 5% LIMONITE AS

VEINS CONTAIN BOTH QUARTZ AND CALCITE.

From: 84.00FT To: 178.00FT

*A001	15409	84.1	88.3	4.2	:	50	8	0.1	0.01	6	0.01	0.01
*A001	26518	88.5	94.0	5.5	:	120	8	0.6	0.01	5	0.01	0.01
*A001	26519	94.0	97.6	3.6	:	115	9	1.0	0.01	6	0.01	0.01
*A001	26520	97.6	102.0	4.4	:	143	11	0.9	0.01	5	0.01	0.01
*A001	26521	102.0	105.0	3.0	:	83	9	0.8	0.03	7	0.01	0.01
*A001	26522	105.0	111.0	6.0	:	76	10	0.5	0.06	6	0.01	0.01
*A001	26523	111.0	118.0	7.0	:	113	7	1.0	0.04	7	0.01	0.01
*A001	26524	118.0	123.0	5.0	:	101	8	0.9	0.11	8	0.01	0.01
*A001	26525	123.0	130.0	7.0	:	74	9	0.4	0.01	2	0.01	0.01
*A001	26526	133.8	134.5	.7	:	40	7	0.8	0.10	6	0.01	0.01
*A001	15410	134.7	138.4	3.7	:	1000	6	1.0	0.01	6	0.01	0.01
*A001	26527	138.2	139.5	1.3	:	315	8	1.4	0.05	6	0.01	0.01
*A001	15411	139.5	144.0	4.5	:	24	6	0.1	0.03	2	0.01	0.01
*A001	26528	144.0	146.5	2.5	:	29	9	0.8	0.07	2	0.01	0.01
*A001	15412	146.4	157.0	10.6	:	20	5	0.5	0.06	1	0.01	0.01
*A001	15413	157.0	159.1	2.1	:	14	7	0.3	0.01	3	0.01	0.01

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

*A001	26529	162.0	174.0	12.0	:	171	9	0.8	0.01	1.0	0.24	0.01
*A001	15414	174.0	178.0	4.0	:	153	12	1.6	0.09	1.4	0.01	0.01

FAULT BRECCIA REDISH ORANGE AND WITH WEATHERED, LEACHED
 TEXTURE:BRECCIATED, CATACLASTIC
 0% PYRITE AS DISSEMINATIONS
 10% HEMATITE AS FLOODING
 .01% QUARTZ AS MICROVEINS
 40% CLAY AS PERVASIVE
 40% LIMONITE AS
 .01% MALACHITE AS DISSEMINATIONS
 ALL FRAGMENTS ARE SYENITE. FRAGMENTS AND GROUNDMASS
 ARE STRONGLY WEATHERED.

From: 111.00FT To: 118.00FT

100 % OF THIS SUBINTERVAL IS

FAULT BRECCIA LIGHT RED AND WITH WEATHERED, LEACHED
 TEXTURE:BRECCIATED, CATACLASTIC
 .01% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS VEINS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 2.5% QUARTZ AS
 50% CLAY AS PERVASIVE
 2.5% LIMONITE AS ENCRUSTATIONS
 .01% MALACHITE AS DISSEMINATIONS
 LESS WEATHERED AND LEACHED. CHALCOPYRITE IN QUARTZ
 VEIN.

From: 124.00FT To: 131.00FT

100 % OF THIS SUBINTERVAL IS

FAULT BRECCIA REDISH BLACK AND WITH WEATHERED, LEACHED
 TEXTURE:BRECCIATED, CATACLASTIC
 0% PYRITE AS DISSEMINATIONS
 2.5% HEMATITE AS FRAMEWORK CRYSTALS
 2.5% QUARTZ AS FLOODING
 20% CLAY AS PERVASIVE
 2.5% LIMONITE AS ENCRUSTATIONS
 .01% MALACHITE AS DISSEMINATIONS

From: 131.00FT To: 150.00FT

90 % OF THIS SUBINTERVAL IS

FAULT BRECCIA REDISH BROWN AND WITH WEATHERED, LEACHED
 TEXTURE:BRECCIATED, CATACLASTIC
 0% PYRITE AS DISSEMINATIONS
 30% HEMATITE AS FLOODING
 .01% QUARTZ AS MICROVEINS
 30% CLAY AS PERVASIVE
 40% LIMONITE AS
 .01% MALACHITE AS DISSEMINATIONS
 FRAGMENTS BECOME FINE-GRAINED TO SUGARY WITH DEPTH.

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 131.00FT To: 150.00FT

10 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA PALE RED AND WITH WEATHERED, LEACHED
 TEXTURE:MEDIUM-GRAINED, CATACLASTIC
 5% PYRITE AS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 10% QUARTZ AS
 10% CLAY AS PATCHES
 40% LIMONITE AS
 .01% MALACHITE AS DISSEMINATIONS.
 SILICA SATURATION SEEMS TO HAVE PREVENTED
 HEMATIZATION. SILICA SATURATED INTERVALS OCCUR AS
 0.5-1 FT. INTERVALS ISOLATED WITHIN THE HEMATIZED
 INTERVAL. (ARE THEY FRAGMENTS IN THE BRECCIA?)

From: 150.00FT To: 164.50FT

100 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA WHITE RED AND WITH SILTY, LEACHED
 TEXTURE:FINE-GRAINED, CATACLASTIC
 1% PYRITE AS DISSEMINATIONS
 20% HEMATITE AS BRECCIA FILLINGS
 10% QUARTZ AS
 20% CLAY AS BRECCIA FILLINGS
 40% LIMONITE AS
 .01% MALACHITE AS DISSEMINATIONS
 FRAGMENTS ARE 60% OF INTERVAL: CLAY-HEMATITE MATRIX
 IS 40%. FRAGMENTS ARE RHYOLITIC-APPEARING, SILICI-
 FIED AND ALTERED SYENITE.

From: 164.50FT To: 178.00FT

100 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA DARK BROWN AND WITH WEATHERED, LEACHED
 TEXTURE:BRECCIATED, CATACLASTIC
 0% PYRITE AS DISSEMINATIONS
 30% HEMATITE AS BRECCIA FILLINGS
 .01% QUARTZ AS MICROVEINS
 30% CLAY AS BRECCIA FILLINGS
 40% LIMONITE AS
 .01% MALACHITE AS DISSEMINATIONS
 FRAGMENTS ARE MIXED ALTERED AND NORMAL SYENITE.
 END OF HOLE AT 178 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-16 ****

Property:PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date:13DEC86

Total Depth of Hole: 227.00 FT

True Collar Azm of Hole: 180.00 collar Dip: -45.00

Northing: 520.00 Easting: -10.00 Collar elev: 0.00 FT

Survey: 0.00 to 227.00 True Azm of Hole: 180.00 Dip: -45.00

*A001 Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001 Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

From: 0.00FT To: 3.00FT

OVERBURDEN: ROTARY DRILLE

From: 3.00FT To: 124.50FT

*A001	15380	3.0	13.0	10.0	:	60	21	0.3	0.01	1.0	0.01
*A001	15381	13.0	23.0	10.0	:	174	42	0.2	0.01	1.0	0.01
*A001	15382	23.0	33.0	10.0	:	56	9	0.2	0.01	1.0	0.01
*A001	15383	33.0	43.0	10.0	:	85	8	0.2	0.01	1.0	0.01
*A001	15384	43.0	53.0	10.0	:	134	8	0.6	0.01	1.0	0.01
*A001	15385	53.0	63.0	10.0	:	246	10	0.6	0.01	1.0	0.01
*A001	15386	63.0	73.0	10.0	:	212	9	0.6	0.80	1.0	0.01
*A001	15387	73.0	83.0	10.0	:	83	8	0.1	0.01	1.0	0.01
*A001	15388	83.9	93.0	9.1	:	94	8	0.3	0.01	1.0	0.01
*A001	26530	85.2	85.8	0.6	:	190	10	1.5	0.18	5.0	0.01
*A001	15389	93.0	95.0	2.0	:	98	9	0.2	0.01	2.0	0.01
*A001	15390	95.8	97.0	1.2	:	68	9	0.1	0.01	2.0	0.01
*A001	26531	97.0	97.9	0.9	:	76	8	0.3	0.06	2.0	0.01
*A001	15391	97.9	102.7	4.8	:	86	7	0.1	0.01	1.0	0.01
*A001	26532	102.8	104.3	1.5	:	334	8	0.9	0.01	1.0	0.01
*A001	15392	104.2	112.0	7.8	:	51	7	0.2	0.01	1.0	0.01
*A001	26533	112.0	119.2	7.2	:	185	6	1.0	0.08	2.0	0.01
*A001	15393	119.3	129.7	10.4	:	67	6	0.5	0.01	2.0	0.01

SYENITE REDISH BLACK AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED, EQUIGRANULAR
 .03% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .01% QUARTZ AS
 1% LIMONITE AS
 1% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 3.00FT To: 11.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE YELLOWISH RED AND WITH WEATHERED
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED, EQUIGRANULAR
 .03% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS PERSVASIVE
 .3% CALCITE AS
 .01% QUARTZ AS
 5% LIMONITE AS

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-16 ****

page 2

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

--continue--

20% CLAY AS PATCHES
2.5% CHLORITE AS PATCHES

From: 11.00FT To: 21.00FT

30 % OF THIS SUBINTERVAL IS
BASALT DARK GREEN

TEXTURE:VERY FINE GRAINED, BANDED, EQUIGRANULAR

.3% HEMATITE AS BRECCIA FILLINGS

.3% CALCITE AS

.3% LIMONITE AS

.3% HEMATITE AS FLOODING

OCCURS AS 0.5-1 FT. INCLUSIONS.

From: 21.00FT To: 30.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE BLACK WHITE AND WITH MOTTLED, FRESH

TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, BANDED, EQUIGRANULAR

.03% PYRITE AS DISSEMINATIONS

0% MAGNETITE AS DISSEMINATIONS

.01% HEMATITE AS STAINIGS

0% CALCITE AS MICROVEINS

0% QUARTZ AS MICROVEINS

.1% LIMONITE AS FRAMEWORK CRYSTALS

.01% CLAY AS PATCHES

2.5% CHLORITE AS PATCHES

From: 30.00FT To: 45.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BLACK AND WITH CRACKLE-BREC

TEXTURE:CATACLASTIC MATRIX, BRECCIATED, BANDED, EQUIGRANULAR

.03% PYRITE AS DISSEMINATIONS

0% MAGNETITE AS DISSEMINATIONS

1% HEMATITE AS

.01% CALCITE AS MICROVEINS

.01% QUARTZ AS

2.5% LIMONITE AS ENCRUSTATIONS

2.5% CLAY AS PATCHES

2.5% CHLORITE AS PATCHES

SMALL CRYSTAL OF FLUORITE IN CALCITE VEINLET
AT 51.5 FT.

From: 53.00FT To: 58.50FT

100 % OF THIS SUBINTERVAL IS

SYENITE DARK RED AND WITH CRACKLE-BREC

TEXTURE:BRECCIATED, COARSE-GRAIN, BANDED, EQUIGRANULAR

.03% PYRITE AS DISSEMINATIONS

0% MAGNETITE AS DISSEMINATIONS

5% HEMATITE AS BRECCIA FILLINGS

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

--continue--

.3% CALCITE AS
 .01% QUARTZ AS
 5% LIMONITE AS FLOODING
 10% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 87.00FT To: 91.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH BLACK AND WITH MOTTLED
 TEXTURE:CATACLASTIC MATRIX, BRECCIATED, BANDED, EQUIGRANULAR
 .03% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS BRECCIA FILLINGS
 .01% CALCITE AS PATCHES

.01% QUARTZ AS
 1% LIMONITE AS
 2.5% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 97.00FT To: 103.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE DARK ORANGE AND WITH MOTTLED
 TEXTURE:CATACLASTIC MATRIX, BRECCIATED, BANDED, EQUIGRANULAR
 .03% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .01% QUARTZ AS VEINS
 5% LIMONITE AS

2.5% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 103.00FT To: 119.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM RED AND WITH SILTY, MOTTLED
 TEXTURE:CATACLASTIC MATRIX, COARSE-GRAIN, BANDED, EQUIGRANULAR

.01% PYRITE AS
 0% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS FRAMEWORK CRYSTALS
 .3% CALCITE AS
 10% QUARTZ AS
 1% POTASH FELDSPAR AS ENVELOPES
 5% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 119.00FT To: 124.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN AND WITH MOTTLED

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

--continue--

TEXTURE:CATACLASTIC MATRIX, BRECCIATED, BANDED, EQUIGRANULAR
 .03% PYRITE AS DISSEMINATIONS
 0% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 .3% CALCITE AS
 0% QUARTZ AS VEINS
 1% LIMONITE AS
 20% CLAY AS PATCHES
 2.5% CHLORITE AS PATCHES

From: 124.50FT To: 207.00FT

*A001	26534	129.7	130.0	.3	3900	6	14	0.12	3	0.01
*A001	15394	130.0	134.7	4.7	31	7	0.6	0.01	3	0.01
*A001	26535	134.5	135.1	.6	1580	10	1.7	0.03	5	0.01
*A001	15395	135.2	142.7	7.5	82	32	0.7	0.01	2	0.01
*A001	15396	142.7	148.7	6.0	22	11	0.3	0.03	2	0.01
*A001	26536	148.9	153.5	4.6	44	17	1.1	0.16	1	0.01
*A001	15397	153.5	163.8	10.3	31	16	1.2	0.21	1.0	0.01
*A001	26544	159.0	162.0	3.0	13	9	0.7	0.51	1.0	0.01
*A001	26537	164.0	168.5	4.5	31	11	3.3	0.33	7	0.01
*A001	15398	168.5	179.0	10.5	11	6	0.3	0.01	1.0	0.01
*A001	15399	179.0	187.0	8.0	25	10	0.3	0.10	1.0	0.01
*A001	26538	187.0	192.0	5.0	510	10	0.8	0.07	3	0.01
*A001	15400	191.9	202.0	10.1	179	12	0.4	0.04	3	0.01
*A001	26539	202.0	203.0	1.0	26	8	0.7	0.01	5	0.01
*A001	15401	203.8	207.4	3.6	47	10	2.3	0.20	1.0	0.01

FAULT BRECCIA REDISH WHITE
 30% HEMATITE AS BRECCIA FILLINGS
 .01% CALCITE AS
 30% CLAY AS BRECCIA FILLINGS
 .01% AS VEINS
 SYENITE FRAGMENTS 40%; SILICIFIED APPEARANCE. MATRIX
 60%, HEMATITE-FLOODED. QUARTZ VEIN AND SILICIFIED
 ZONE AT 130 FT. WITH DISSEMINATED PYRITE AND A
 TRACE OF MANGANESE OXIDE.

From: 134.50FT To: 139.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE LIGHT GREEN AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, CATACLASTIC
 .01% PYRITE AS DISSEMINATIONS
 .3% CHALCOPYRITE AS VEINS
 .01% HEMATITE AS FRAMEWORK CRYSTALS
 30% QUARTZ AS PERSVASIVE
 20% CLAY AS PATCHES
 1% QUARTZ AS
 CHALCOPYRITE BLEBS IN QUARTZ VEIN AT 135.0 FT.

From: 139.50FT To: 142.50FT

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

--continue--

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH GRAY AND WITH SILTY
 TEXTURE:FINE-GRAINED
 .01% HEMATITE AS STAINIGS
 40% QUARTZ AS PERVASIVE
 2.5% CLAY AS PATCHES
 1% QUARTZ AS VEINS

UNKNOWN ROCK: POSSIBLY INTENSLY SILICIFIED SYENITE.

From: 149.00FT To: 153.30FT

100 % OF THIS SUBINTERVAL IS
 SYENITE GREENISH RED AND WITH SILTY
 TEXTURE:BRECCIATED
 2.5% PYRITE AS DISSEMINATIONS
 10% QUARTZ AS PERVASIVE
 20% CLAY AS PATCHES
 5% CHLORITE AS FRAMEWORK CRYSTALS

From: 153.30FT To: 164.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE DARK RED
 TEXTURE:CATACLASTIC MATRIX
 10% HEMATITE AS PERVASIVE
 .01% CALCITE AS MICROVEINS
 0% QUARTZ AS PERVASIVE
 10% CLAY AS BRECCIA FILLINGS
 0% QUARTZ AS VEINS

From: 164.00FT To: 168.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE LIGHT GRAY AND WITH SILTY
 TEXTURE:FINE-GRAINED
 1% PYRITE AS DISSEMINATIONS
 30% QUARTZ AS PERVASIVE
 0% CLAY AS PATCHES
 5% PYRITE AS BRECCIA FILLINGS
 20% QUARTZ AS BRECCIA FILLINGS

From: 204.00FT To: 206.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY AND WITH SILTY
 TEXTURE:MEDIUM-GRAINED
 5% PYRITE AS BRECCIA FILLINGS
 30% QUARTZ AS PERVASIVE
 1% PYRITE AS DISSEMINATIONS
 20% QUARTZ AS BRECCIA FILLINGS

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-16 ****

page 6

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	Samp	From	To	Intrvl:	PPMCUP	PMNIPP	MAGPPM	AUPPMA	SPPBPT	PPBPD	

--continue--

From: 207.00FT To: 227.00FT

*A001	26540	207.6	218.7	11.1	38	10	2.8	0.16	1.5	0.01
*A001	15402	218.7	227.0	8.3	36	8	0.9	0.03	1.0	0.01

SYENITE REDISH GREEN AND WITH SILTY, CRACKLE-BRECCIAE

TEXTURE:MEDIUM-GRAINED

- 5% PYRITE AS BRECCIA FILLINGS
- .3% HEMATITE AS PATCHES
- .01% CALCITE AS MICROVEINS
- 20% QUARTZ AS PERVASIVE
- 5% CLAY AS PATCHES
- 1% PYRITE AS DISSEMINATIONS
- 10% QUARTZ AS BRECCIA FILLINGS

From: 222.00FT To: 225.00FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA DARK BROWN, AND WITH CRACKLE-

- 30% HEMATITE AS BRECCIA FILLINGS
- 0% CALCITE AS MICROVEINS
- 30% CLAY AS BRECCIA FILLINGS
- 1% PYRITE AS DISSEMINATIONS
- 10% QUARTZ AS BRECCIA FILLINGS

From: 225.00FT To: 227.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH BLACK AND WITH MOTTLED, CRACKLE-BRECCIAE

- TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR
- 0% PYRITE AS DISSEMINATIONS
- 0% MAGNETITE AS DISSEMINATIONS
- 1% HEMATITE AS FRAMEWORK CRYSTALS
- .3% CALCITE AS MICROVEINS
- 0% QUARTZ AS VEINS
- .3% CLAY AS PATCHES
- .3% CHLORITE AS SELVAGES
- 1% PYRITE AS DISSEMINATIONS
- 10% QUARTZ AS BRECCIA FILLINGS

END OF HOLE AT 227.0 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-17 ****

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:13DEC86

Total Depth of Hole: 158.00 FT

True Collar Azm of Hole: 120.00 Collar Dip: -45.00

Northing: 30.00 Easting: 35.00 Collar elev: 0.00 FT

Survey: 0.00 to 158.00 True Azm of Hole: 120.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 6.00FT

OVERBURDEN: ROTARY DRILLE

From: 6.00FT To: 22.70FT

*A001	15366	6.0	6.2	6.2	:	84	9	0.2	0.01	1.0	0.01	0.01
*A001	26801	6.0	12.5	6.5	:	106	11	0.1	0.01	1.0	0.01	0.01
*A001	26802	12.5	23.0	10.5	:	410	64	0.6	0.01	1.0	28	100

SYENITE REDISH GRAY
TEXTURE:GRANITIC, MEDIUM-GRAIN
1% MAGNETITE AS PATCHES
.3% HEMATITE AS BOXWORK
.3% LIMONITE AS STAINIGS

From: 12.50FT To: 22.70FT

100 % OF THIS SUBINTERVAL IS
INTRUSION BRECCIA REDISH GRAY
01% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
40% CHLORITE AS PATCHES
40% BIOTITE AS PERSASIVE
FRAGMENTS OF PYROXENITE IN SYENITE, GRADING TO
SYENITE DIKES IN PYROXENITE. (BRECCIATED CONTACT.)

From: 22.70FT To: 158.00FT

*A001	15367	22.7	31.0	8.3	:	540	71	0.4	0.01	1.0	0.01	22
*A001	26803	29.5	39.5	10.0	:	310	79	0.5	0.01	1.0	0.01	29
*A001	26804	39.5	47.0	7.5	:	175	56	0.5	0.01	1.0	0.01	52
*A001	26805	47.0	55.0	8.0	:	100	11	0.4	0.01	1.0	0.01	0.01
*A001	15368	55.0	58.6	3.6	:	1440	21	1.8	0.04	1.0	43	90
*A001	15278	58.6	59.4	0.8	:	810	19	0.6	0.04	1.0	60	150
*A001	15279	59.4	65.0	5.6	:	1700	30	1.3	0.03	1.0	0.01	72
*A001	15369	66.0	67.3	1.3	:	209	13	0.1	0.01	2	0.01	10
*A001	15370	67.3	69.1	1.8	:	309	28	0.2	0.01	2	0.01	26
*A001	15280	69.1	69.4	0.3	:	1160	31	0.8	0.06	1.0	24	70
*A001	15371	69.4	78.4	9.0	:	1230	34	0.9	0.03	1.0	0.01	39
*A001	15281	78.4	78.6	0.2	:	14800	50	1.0	3.70	1.0	270	400
*A001	15372	78.6	89.0	10.4	:	630	35	0.7	0.01	1.0	0.01	28
*A001	15373	89.0	99.0	10.0	:	590	70	0.5	0.01	1.0	0.01	28
*A001	15289	93.1	98.0	4.9	:	760	44	0.5	0.01	1.0	0.01	46
*A001	15374	99.0	104.9	5.9	:	334	61	0.5	0.01	1.0	0.01	67
*A001	15375	104.9	115.0	10.1	:	490	56	0.5	0.01	1.0	0.01	32
*A001	15376	115.0	123.1	8.1	:	460	63	0.6	0.01	1.0	0.01	29

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
--continue--											
*A001	26806	122.8	123.3	.5	269	41	0.5	0.01	1.0	0.01	44
*A001	15377	123.6	134.0	10.4	590	67	0.4	0.01	1.0	0.01	32
*A001	15378	134.0	138.8	4.8	810	55	0.6	0.01	1.0	0.01	40
*A001	26807	138.8	140.3	1.5	1280	38	1.6	0.01	1.0	0.20	28
*A001	15379	140.3	148.0	7.7	312	29	0.4	0.01	1.0	0.01	19
*A001	26808	148.0	152.0	4.0	660	31	1.0	0.01	1.0	0.01	35
*A001	26809	152.0	158.0	6.0	800	25	1.1	0.01	1.0	0.01	27

PYROXENITE GREENISH BLACK AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, GABBROIC
 10% MAGNETITE AS DISSEMINATIONS
 .3% QUARTZ AS
 50% CHLORITE AS PERVASIVE
 40% BIOTITE AS PERVASIVE
 DIKES OF COARSE CRYSTALLINE SYENITE AND PATCHES OF
 ALTERATION.

From: 22.70FT To: 47.00FT

10 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GRAY
 TEXTURE:COARSE-GRAINED
 AS BELOW:

From: 47.00FT To: 55.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GRAY
 TEXTURE:COARSE-GRAINED
 .01% PYRITE AS DISSEMINATIONS
 .3% MAGNETITE AS PATCHES
 2.5% CLAY AS PATCHES

From: 55.00FT To: 158.00FT

60 % OF THIS SUBINTERVAL IS
 PYROXENITE V.DARK GREEN AND WITH MOTTLED
 TEXTURE:FINE-GRAINED, PORPHYRITIC
 .1% PYRITE AS DISSEMINATIONS
 .03% CHALCOPYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS MICROVEINS
 3% QUARTZ AS
 10% AS DISSEMINATIONS
 20% BIOTITE AS PERVASIVE
 50% CHLORITE AS PERVASIVE

From: 55.00FT To: 158.00FT

10 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GRAY
 TEXTURE:COARSE-GRAINED
 .01% PYRITE AS DISSEMINATIONS
 .1% CHALCOPYRITE AS BLEBS

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-17 ****

page 3

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.3% MAGNETITE AS PATCHES
.01% HEMATITE AS FRAMEWORK CRYSTALS
.3% CALCITE AS MICROVEINS
1% CHLORITE AS PATCHES
10% BIOTITE AS PATCHES

THERE MAY HAVE BEEN AN ORIGINAL LITHOLOGIC DIFFERENCE
THAT CONTRIBUTED TO THE DIFFERENT ALTERATION REACTION
END OF HOLE 158.0 FT.

End of Hole

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**** Drillhole: DDH-18 ****

Property: PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date: 22NOV86

Total Depth of Hole: 158.00 FT

True Collar Azm of Hole: 120.00 Collar Dip: -45.00

Northing: 30.00 Easting: 35.00 Collar elev: 0.00 FT

Survey: 0.00 to 158.00 True Azm of Hole: 120.00 Dip: -45.00
 *A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 6.00FT

OVERBURDEN: ROTARY DRILLE

From: 6.00FT To: 12.00FT

*A001 26810	6.0	12.0	6.0	:	91	9	0.5	0.01	1.0	0.01	0.01
SYENITE REDISH GRAY AND WITH VUGGY TEXTURE: MEDIUM-GRAINED 1% LIMONITE AS ENCRUSTATIONS 1% LIMONITE AS AMYGDALOIDS CALCITE VEINING LEACHED OUT (?)											

From: 12.00FT To: 85.60FT

*A001 15275	13.3	24.0	10.7	:	317	43	0.1	0.01	1.0	0.01	24
*A001 15351	24.0	34.0	10.0	:	315	54	0.5	0.01	1.0	0.01	26
*A001 15352	34.0	44.0	10.0	:	239	53	0.2	0.01	1.0	0.01	33
*A001 15353	44.0	47.6	3.6	:	299	60	0.4	0.01	1.0	0.01	33
*A001 15354	48.2	49.5	1.3	:	85	47	0.3	0.01	2.0	0.01	10
*A001 26811	47.5	49.1	1.6	:	1740	66	1.4	0.01	1.0	0.01	41
*A001 26812	50.5	51.8	1.3	:	640	42	0.6	0.01	1.0	0.01	23
*A001 15355	51.2	56.0	4.8	:	280	36	0.3	0.01	1.0	0.01	22
*A001 26813	56.0	62.5	6.5	:	890	35	1.2	0.01	1.0	0.01	29
*A001 15356	61.5	64.1	2.6	:	167	41	0.3	0.01	3.0	0.01	19
*A001 26814	64.0	66.5	2.5	:	2100	59	1.9	0.01	1.0	0.01	71
*A001 15357	66.7	74.6	7.9	:	143	41	0.2	0.01	4.0	0.01	16
*A001 26815	74.8	75.5	.7	:	1870	70	1.2	0.01	1.0	0.01	58
*A001 15358	75.3	85.6	10.3	:	42	54	0.1	0.01	3	0.01	12

PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
 TEXTURE: FINE-GRAINED
 5% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS VEINS
 1% PLAGIOCLASE AS EUHEDRAL
 70% EPIDOTE AS
 VUGGY TO 15 FT. CALCITE VEINING LEACHED OUT.

From: 17.50FT To: 21.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
 TEXTURE: EQUIGRANULAR, MEDIUM-GRAIN
 5% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS VEINS
 1% PLAGIOCLASE AS EUHEDRAL
 80% EPIDOTE AS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

5% MAGNETITE AS DISSEMINATIONS
NO FELDSPAR

From: 21.50FT To: 22.60FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
TEXTURE: MEDIUM-GRAINED, INEQUIGRANUL
STRUCTURE: TOP CONTACT DIPPING 095

From: 22.60FT To: 47.50FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE LIGHT BLACK AND WITH FELDSPATHIC
TEXTURE: EQUIGRANULAR, MEDIUM-GRAIN
10% MAGNETITE AS NODULES
1% CALCITE AS MICROVEINS
1% PHLOGOPITE AS ROSETTES
60% EPIDOTE AS
1% CALCITE AS VEINS
COARSELY-CRYSTALLINE INTERVAL 27-28.5 FT. EPIDOTIZA-
TION VARIABLE.

From: 47.50FT To: 49.10FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V. DARK GREEN AND WITH FELDSPATHIC
TEXTURE: FINE-GRAINED
2.5% CHALCOPYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS NODULES
2.5% CALCITE AS VEINS
10% PHLOGOPITE AS ROSETTES
20% EPIDOTE AS

THIS INTERVAL SPLIT FOR ASSAY.

From: 49.10FT To: 50.40FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE DARK GREEN AND WITH FELDSPATHIC
TEXTURE: FINE-GRAINED
0% CHALCOPYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS NODULES
2.5% CALCITE AS VEINS
10% PHLOGOPITE AS ROSETTES
40% EPIDOTE AS

THIS INTERVAL NOT SPLIT.

From: 50.40FT To: 51.50FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V. DARK GREEN AND WITH FELDSPATHIC
TEXTURE: FINE-GRAINED
.3% CHALCOPYRITE AS DISSEMINATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

10% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS VEINS
 2.5% POTASH FELDSPAR AS VEINS
 20% EPIDOTE AS
 THIS INTERVAL SPLIT FOR ASSAY.

From: 51.50FT To: 56.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
 TEXTURE:FINE-GRAINED
 0% CHALCOPYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS NODULES
 2.5% CALCITE AS VEINS
 1% PLAGIOCLASE AS EUHEDRAL
 50% EPIDOTE AS

From: 56.00FT To: 65.10FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
 TEXTURE:FINE-GRAINED
 0% CHALCOPYRITE AS DISSEMINATIONS
 10% MAGNETITE AS NODULES
 2.5% CALCITE AS VEINS
 1% ANKERITE AS
 2.5% POTASH FELDSPAR AS VEINS
 70% EPIDOTE AS
 SPLIT FOR ASSAY EXCEPT 61.5-64 FT.

From: 65.10FT To: 66.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
 TEXTURE:FINE-GRAINED
 2.5% CHALCOPYRITE AS
 10% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS VEINS
 1% PLAGIOCLASE AS EUHEDRAL
 50% EPIDOTE AS
 SPLIT FOR ASSAY.

From: 66.50FT To: 74.60FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE BLUEISH BLACK AND WITH FELDSPATHIC
 TEXTURE:FINE-GRAINED
 .01% CHALCOPYRITE AS DISSEMINATIONS
 1% MAGNETITE AS NODULES
 2.5% CALCITE AS VEINS
 1% POTASH FELDSPAR AS VEINS
 40% CLAY AS INTERSTITIAL
 30% EPIDOTE AS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

CLAY HAS REPLACED (EPIDOTIZED?) GROUNDMASS AND IMPARTS BLUE COLORATION.

From: 74.60FT To: 75.20FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE BLUEISH BLACK AND WITH FELDSPATHIC
TEXTURE: FINE-GRAINED

5% CHALCOPYRITE AS LAMINATIONS
5% MAGNETITE AS DISSEMINATIONS
2.5% CALCITE AS VEINS
30% SILICA AS PERVASIVE
30% CLAY AS INTERSTITIAL
1% CHALCOPYRITE AS DISSEMINATIONS
CLAY REPLACES GROUNDMASS. THIS INTERVAL SPLIT.

From: 75.20FT To: 77.90FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE MEDIUM GREEN AND WITH FELDSPATHIC
TEXTURE: FINE-GRAINED

.01% CHALCOPYRITE AS DISSEMINATIONS
1% MAGNETITE AS NODULES
2.5% CALCITE AS VEINS
10% SILICA AS PERVASIVE
30% CLAY AS INTERSTITIAL
INCLUSIONS OF FINE-GRAINED PYROXENITE.

From: 77.90FT To: 85.60FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V. DARK GREEN AND WITH FELDSPATHIC

TEXTURE: FINE-GRAINED
.01% CHALCOPYRITE AS DISSEMINATIONS
5% MAGNETITE AS NODULES
.3% CALCITE AS MICROVEINS
.3% POTASH FELDSPAR AS VEINS
30% EPIDOTE AS
5% CLAY AS VEINS

From: 85.60FT To: 93.50FT

*A001 26817 92.0 93.5 1.5 : 100 18 0.2 0.01 1.0 0.01 0.01

SYENITE REDISH GRAY
TEXTURE: COARSE-GRAINED
STRUCTURE: BOTTOM CONTACT DIPPING 080, DIKE
.3% PYRITE AS DISSEMINATIONS
.3% CHALCOPYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
2.5% MAGNETITE AS EUHEDRAL
"CLASSIC" SYENITE DIKE WITH SHONKINITE CONTACTS.

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 85.60FT To: 86.40FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 DIKE
 2.5% MAGNETITE AS DISSEMINATIONS
 2.5% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 5% EPIDOTE AS ENVELOPES
 10% CLAY AS INTERSTITIAL
 2.5% MAGNETITE AS EUHEDRAL

From: 92.00FT To: 93.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 DIKE
 2.5% MAGNETITE AS DISSEMINATIONS
 1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 10% EPIDOTE AS ENVELOPES
 5% CLAY AS INTERSTITIAL
 2.5% MAGNETITE AS EUHEDRAL

From: 93.50FT To: 131.90FT

*A001	15359	93.5	98.4	4.9	335	60	0.5	0.01	1.0	0.01	26
*A001	26818	98.5	163.0	64.5	900	52	1.3	0.06	1.0	0.01	46
*A001	26819	103.0	104.0	1.0	1470	59	2.4	0.01	1.0	0.01	26
*A001	15360	103.9	112.6	8.7	610	52	0.5	0.01	1.0	0.01	29
*A001	26820	112.3	114.8	2.5	2060	48	2.1	0.06	1.0	0.01	46
*A001	15361	114.8	115.6	0.8	166	20	0.4	0.01	1.0	0.01	0.01
*A001	26821	115.5	128.0	12.5	740	36	1.0	0.07	1.0	0.01	39
*A001	15362	128.0	128.5	0.5	175	59	0.1	0.01	1.0	0.01	35
*A001	26822	128.5	129.5	1.0	4200	25	8.0	0.27	1.0	360	250
*A001	26823	129.5	130.7	1.2	3600	27	3.9	0.14	1.0	31	105
*A001	15363	130.5	141.0	10.5	289	15	0.4	0.01	1.0	0.01	0.01

PYROXENITE V. DARK GREEN
 TEXTURE: EQUIGRANULAR, MEDIUM-GRAIN
 10% MAGNETITE AS DISSEMINATIONS
 .5% CALCITE AS MICROVEINS
 2.5% POTASH FELDSPAR AS
 40% EPIDOTE AS

From: 104.50FT To: 105.30FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 STRUCTURE: BOTTOM CONTACT DIPPING 090, DIKE
 SHONKINITE AT LOWER CONTACT.

From: 114.70FT To: 115.30FT

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**** Drillhole: DDH-18 ****

page 6

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
STRUCTURE:TOP CONTACT DIPPING 075, DIKE

From: 131.90FT To: 136.00FT

SYENITE, VAR. SHONKINITE REDISH GREEN
5% EPIDOTE AS ENVELOPES
UPPER CONTACT GRADATIONAL INTO PYROXENITE.

From: 132.60FT To: 136.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE GREENISH RED
.3% CHALCOPYRITE AS DISSEMINATIONS
2.5% MAGNETITE AS DISSEMINATIONS
5% HEMATITE AS
2.5% CALCITE AS VEINS
60% EPIDOTE AS

From: 136.00FT To: 158.00FT

	*A001	15364	141.0	151.0	10.0	:	138	11	0.3	0.01	2	0.01	0.01
	*A001	15365	151.0	158.0	7.0	:	70	10	0.2	0.01	2	0.01	0.01

SYENITE REDISH GRAY
TEXTURE:EQUIGRANULAR, FINE-GRAINED
1% MAGNETITE AS NODULES
.3% CALCITE AS VEINS
10% EPIDOTE AS ENVELOPES

From: 143.00FT To: 145.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
TEXTURE:COARSE-GRAINED, INEQUIGRANUL
1% MAGNETITE AS NODULES
.3% CALCITE AS VEINS
10% EPIDOTE AS ENVELOPES

From: 147.00FT To: 158.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
TEXTURE:FLOW-BANDED, FINE-GRAINED
1% MAGNETITE AS NODULES
.3% CALCITE AS VEINS
10% EPIDOTE AS ENVELOPES
END OF HOLE AT 158 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-19 ****

page 1

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:10DEC86

Total Depth of Hole: 290.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 90.00 Easting: 0.00 Collar elev: 0.00 FT

Survey: 0.00 to 290.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB Pd

From: 00.00FT To: 17.00FT

OVERBURDEN: ROTARY DRILLE

From: 17.00FT To: 32.00FT

*A001 15246 17.0 26.0 9.0 : 116 10 0.1 0.01 2 0.01 0.01
*A001 26826 25.0 32.0 7.0 : -----

SYENITE REDISH GRAY AND WITH FRESH
TEXTURE:COARSE-GRAINED, GRANITIC
1% MAGNETITE AS DISSEMINATIONS
.3% LIMONITE AS ENCRUSTATIONS
.01% MALACHITE AS STAINIGS

CONTAINS SMALL PYROXENITE INCLUSIONS.

From: 32.00FT To: 67.50FT

*A001 26827 32.0 38.5 6.5 : -----
*A001 15247 38.5 48.5 10.0 : 710 22 0.5 0.03 3 0.01 25
*A001 15248 48.5 58.5 10.0 : 1340 16 1.0 0.11 1.0 0.01 26
*A001 15249 58.5 62.8 4.3 : 420 15 0.3 0.06 3 0.01 16
*A001 26828 62.8 64.6 1.8 : -----
*A001 26829 64.6 69.0 4.4 : -----

PYROXENITE GREENISH BLACK
TEXTURE:FINE-GRAINED, PORPHYRITIC, POIKOLITIC

.01% PYRITE AS DISSEMINATIONS
.01% CHALCOPYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
.3% CALCITE AS
.01% AS DISSEMINATIONS
2.5% POTASH FELDSPAR AS VEINS
.01% MALACHITE AS STAINIGS

CHALCOPYRITE OCCURS AS LOCALIZED DISSEMINATIONS. NEA
TOP CONTACT, INVADING SYENITE INCLUDES ANGULAR
PYROXENITE FRAGMENTS.

From: 48.40FT To: 53.60FT

100 % OF THIS SUBINTERVAL IS

SYENITE MEDIUM GRAY
TEXTURE:COARSE-GRAINED, CHILLED CONT, POIKOLITIC
1% MAGNETITE AS DISSEMINATIONS
.01% HEMATITE AS STAINIGS
1% CLAY AS PATCHES
CONTAINS PYROXENITE INCLUSION.

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 62.80FT To: 64.30FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 POIKOLITIC
 STRUCTURE:BOTTOM CONTACT DIPPING 125
 1% PYRITE AS DISSEMINATIONS
 .3% MAGNETITE AS DISSEMINATIONS
 CATACLASTIC CONTACT.

From: 67.50FT To: 229.80FT

*A001	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	15250	68.9	76.4	7.5	800	14	0.5	0.01	4	0.01	14
*A001	26830	76.5	76.6	0.1	230	11	0.1	0.01	3	0.01	0.01
*A001	15251	76.7	87.0	10.3	212	10	0.1	0.01	1.0	0.01	0.01
*A001	15252	87.0	97.0	10.0	129	11	0.1	0.01	1.0	0.01	0.01
*A001	15253	97.0	107.0	10.0	112	11	0.1	0.01	3	0.01	0.01
*A001	15254	107.0	114.7	7.7	306	13	0.1	0.01	2	0.01	0.01
*A001	26831	114.5	115.2	0.7	137	9	0.1	0.01	3	0.01	0.01
*A001	15255	115.2	125.0	9.8	162	11	0.1	0.01	1.0	0.01	0.01
*A001	15256	125.0	135.0	10.0	124	10	0.1	0.01	2	0.01	0.01
*A001	15257	135.0	145.0	10.0	115	13	0.1	0.01	1.0	0.01	0.01
*A001	15258	145.0	155.0	10.0	197	12	0.1	0.13	9	0.01	0.01
*A001	15259	155.0	175.0	20.0	217	11	0.1	0.01	4	0.01	0.01
*A001	15260	165.0	175.0	10.0	245	11	0.1	0.01	1.0	0.01	0.01
*A001	15261	175.0	185.0	10.0	630	10	0.3	0.03	1.0	0.01	13
*A001	15262	185.0	195.0	10.0	267	12	0.1	0.02	3	0.01	0.01
*A001	15263	195.0	209.1	14.1	257	22	0.2	0.02	2	0.01	14
*A001	15264	205.0	214.4	9.4	460	69	0.4	0.01	1.0	0.01	19
*A001	26833	214.5	216.4	1.9	319	45	0.2	0.01	1.0	0.01	12
*A001	15267	216.1	226.0	9.9							
*A001	15268	226.0	236.0	10.0							

AUGITE SYENITE DARK GRAY
 TEXTURE:BANDED, MEDIUM-GRAIN, EQUIGRANULAR
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS
 .3% POTASH FELDSPAR AS VEINS
 SMALL PYROXENITE INCLUSIONS (<5%). CALCITE VEIN WITH
 WALLROCK BRECCIATION FROM 101-110.5 AND 159-229.8 FT.
 PYROXENITE INCLUSIONS PREFERENTIALLY CARRY SULFIDES.

From: 120.90FT To: 123.90FT

100 % OF THIS SUBINTERVAL IS
 SYENITE LIGHT GRAY
 TEXTURE:EQUIGRANULAR, MEDIUM-GRAIN, GRANITIC
 STRUCTURE:BOTTOM CONTACT DIPPING 125
 .01% PYRITE AS DISSEMINATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.1% PYRITE AS BLEBS
 CALCITE VEIN WITH HEMATITE FOLLOWS CORE 133-134 FT.

From: 149.50FT To: 151.00FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE
 TEXTURE:COARSE-GRAINED, MEDIUM-GRAIN
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS
 X POTASH FELDSPAR AS

From: 154.00FT To: 174.00FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE
 TEXTURE:COARSE-GRAINED, MEDIUM-GRAIN
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS
 X POTASH FELDSPAR AS

CONTAINS SEVERAL SMALL PYROXENITE INCLUSIONS 159-174

From: 174.00FT To: 177.00FT

100 % OF THIS SUBINTERVAL IS
 OCCURS
 SYENITE REDISH GRAY
 TEXTURE:MEDIUM-GRAINED, COARSE-GRAIN, EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS

From: 212.00FT To: 214.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK BLACK
 TEXTURE:VERY FINE GRAINED, PORPHYRITIC, EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS MICROVEINS
 .3% CALCITE AS
 50% CHLORITE AS PERVASIVE

From: 214.50FT To: 216.00FT

100 % OF THIS SUBINTERVAL IS
 GABBRO DARK BROWN AND WITH MOTTLED
 TEXTURE:EQUIGRANULAR, MEDIUM-GRAIN, GABBROIC
 .01% PYRITE AS DISSEMINATIONS
 20% MAGNETITE AS BLEBS
 .1% CLAY AS PATCHES

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.3% POTASH FELDSPAR AS VEINS
.03% PYRITE AS MICROVEINS

From: 216.00FT To: 220.00FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V.DARK BLACK
TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR, EQUIGRANULAR
2.5% MAGNETITE AS DISSEMINATIONS
40% CHLORITE AS PERSASIVE
40% BIOTITE AS DISSEMINATIONS

From: 220.00FT To: 225.80FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V.DARK GRAY AND WITH FELDSPATHIC, SPECKLED
EQUIGRANULAR
STRUCTURE:BOTTOM CONTACT DIPPING 115
1% MAGNETITE AS DISSEMINATIONS
.1% CALCITE AS MICROVEINS
40% BIOTITE AS ROSETTES
20% CHLORITE AS PERSASIVE

From: 229.80FT To: 261.00FT

*A001	26834	236.4	237.0	10.6	:	450	66	0.3	0.01	1:0	0:01	45
*A001	15269	237.0	247.0	10:0	:	248	76	0.1	0.01	1:0	0:01	19
*A001	15270	247.0	257.0	10:0	:	193	30	0.1	0.01	2	0:01	0.01
*A001	15271	257.0	267.0	10:0	:							

PYROXENITE V.DARK BLACK
TEXTURE:MEDIUM-GRAINED, FINE-GRAINED, EQUIGRANULAR, GABBROIC
2.5% MAGNETITE AS DISSEMINATIONS
1% CALCITE AS
40% BIOTITE AS ROSETTES
40% CHLORITE AS PERSASIVE

From: 229.80FT To: 261.00FT

30 % OF THIS SUBINTERVAL IS
PYROXENITE V.DARK BLACK AND WITH FELDSPATHIC
TEXTURE:MEDIUM-GRAINED, FINE-GRAINED, EQUIGRANULAR, GABBROIC
2.5% MAGNETITE AS DISSEMINATIONS
1% CALCITE AS
20% BIOTITE AS ROSETTES
20% CHLORITE AS PERSASIVE
40% PLAGIOCLASE AS DISSEMINATIONS

From: 229.80FT To: 261.00FT

2.5 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY AND WITH FRESH
TEXTURE:COARSE-GRAINED, EQUIGRANULAR, GABBROIC

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.01% PYRITE AS DISSEMINATIONS
 .3% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS MICROVEINS

From: 240.20FT To: 241.60FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GRAY

TEXTURE:VERY FINE GRAINED, FINE-GRAINED, EQUIGRANULAR, GABBROIC
 STRUCTURE:VEIN-DIPPING 050
 .3% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS VEINS
 20% BIOTITE AS ROSETTES
 70% CHLORITE AS PERVASIVE

From: 245.60FT To: 247.40FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GRAY

TEXTURE:VERY FINE GRAINED, FINE-GRAINED, EQUIGRANULAR, GABBROIC
 .3% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS BRECCIA FILLINGS
 20% BIOTITE AS ROSETTES
 70% CHLORITE AS PERVASIVE

From: 261.00FT To: 290.00FT

*A001	15272	267.0	277.0	10.0	:	258	35	0.4	0.06	9	0.01	0.01
*A001	15273	277.0	287.0	10.0	:	175	33	0.7	0.01	2	0.01	0.01
*A001	15274	287.0	290.0	3.0	:	150	24	0.2	0.01	3	0.01	0.01

SYENITE DARK GRAY AND WITH FRESH
 TEXTURE:EQUIGRANULAR, COARSE-GRAIN, GRANITIC
 .1% PYRITE AS DISSEMINATIONS
 .3% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS MICROVEINS

From: 261.00FT To: 290.00FT

30 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK AND WITH FELDSPATHIC, MOTTLED
 TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR, GABBROIC
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS
 .3% POTASH FELDSPAR AS MICROVEINS
 20% BIOTITE AS ROSETTES
 30% CHLORITE AS PERVASIVE

End of Hole

END OF HOLE AT 290 FT.

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-20 ****

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:10DEC86

Total Depth of Hole: 180.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 180.00 Easting: 0.00 Collar elev: 0.00 FT

Survey: 0.00 to 180.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 5.00FT

OVERBURDEN: ROTARY DRILLE

From: 5.00FT To: 18.70FT

*A001 16360	5.0	14.6	9.6	:	194	14	0.1	0.01	1.0	0.01	0.01
*A001 16361	14.6	25.0	10.4	:	180	9	0.1	0.01	1.0	0.01	0.01

SYENITE LIGHT RED AND WITH FRESH
 TEXTURE:COARSE-GRAINED, GRANITIC
 STRUCTURE:BOTTOM CONTACT DIPPING 090
 5% MAGNETITE AS BLEBS
 3% HEMATITE AS BOXWORK
 0.1% QUARTZ AS VEINS
 3% HEMATITE AS ENCRUSTATIONS
 CONTAINS SMALL INCLUSIONS OF PYROXENITE.

From: 18.70FT To: 108.90FT

*A001 16362	25.0	32.5	7.5	:	49	9	0.1	0.01	1.0	0.01	0.01
*A001 16363	32.5	38.6	6.1	:	18	7	0.1	0.01	1.0	0.01	0.01
*A001 16364	38.6	50.0	11.4	:	49	10	0.1	0.01	1.0	0.01	0.01
*A001 16365	50.0	60.0	10.0	:	41	10	0.1	0.01	1.0	0.01	0.01
*A001 16366	60.0	70.0	10.0	:	91	10	0.1	0.01	1.0	0.01	0.01
*A001 16367	70.0	74.0	4.0	:	380	46	0.4	0.01	1.0	0.01	0.01
*A001 16368	74.0	85.8	11.8	:	396	29	0.1	0.01	1.0	0.01	0.01
*A001 16369	85.8	89.8	4.0	:	390	57	0.4	0.01	1.0	0.01	0.01
*A001 16370	89.8	95.6	5.8	:	393	10	0.3	0.01	1.0	0.01	0.01
*A001 15242	95.5	96.3	.8	:	255	22	0.5	0.01	1.0	0.01	0.01
*A001 26835	95.5	96.3	.8	:	230	21	0.2	0.01	1.0	0.01	0.01
*A001 16371	96.3	102.7	6.4	:	187	13	0.2	0.01	1.0	0.01	0.01
*A001 16372	102.7	108.8	6.1	:	560	60	0.4	0.01	1.0	0.01	0.01
*A001 16373	108.8	120.0	11.2	:	560	60	0.4	0.01	1.0	0.01	0.01

AUGITE SYENITE REDISH BLACK
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL, CATACLASTIC
 2.5% MAGNETITE AS DISSEMINATIONS
 0.3% HEMATITE AS VEINS
 3% CALCITE AS FRAMEWORK CRYSTALS
 0.1% CLAY AS PATCHES
 0.1% HEMATITE AS STAINIGS
 CATACLASTIC TEXTURE = ROCK MATRIX LOCALLY GROUND UP
 AND SHEARED.

From: 32.50FT To: 38.80FT

100 % OF THIS SUBINTERVAL IS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

SYENITE REDISH BROWN AND WITH FRESH
 TEXTURE:PORPHYRITIC, VERY FINE GR, CATACLASTIC
 STRUCTURE:TOP CONTACT DIPPING 080
 10% HEMATITE AS PERSVATIVE
 .03% CALCITE AS
 .3% EPIDOTE AS SELVAGES
 .01% HEMATITE AS STAINIGS
 LATE SYENITE DIKE.

From: 50.50FT To: 50.80FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE REDISH BLACK
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL, CATACLASTIC
 STRUCTURE:TOP CONTACT DIPPING 085, BOTTOM CONTACT DIPPING 085
 2.5% MAGNETITE AS DISSEMINATIONS
 10% HEMATITE AS VEINS
 .3% CALCITE AS FRAMEWORK CRYSTALS
 .01% CLAY AS PATCHES
 .01% HEMATITE AS SELVAGES
 GROUND-UP ZONE WITH VEIN OF HEMATITE.

From: 71.60FT To: 74.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK
 TEXTURE:MEDIUM-GRAINED, INEQUIGRANUL, CATACLASTIC
 .01% PYRITE AS VEINS
 5% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS VEINS
 30% BIOTITE AS PERSVATIVE
 60% CHLORITE AS PERSVATIVE
 .01% HEMATITE AS STAINIGS
 INCLUSION, ALTERED TO BIOTITE AND CHLORITE.

From: 74.00FT To: 98.00FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL
 .03% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .03% HEMATITE AS VEINS
 .3% CALCITE AS FRAMEWORK CRYSTALS
 % CLAY AS
 35% PYROXENITE INCLUSIONS IN AUGITE SYENITE; INCLUSI
 AS 71.6-74 FT.. SIZE RANGE 0.5-2.0 FT. MINOR CLAY
 ALTERATION OF PYROXENE.

From: 98.00FT To: 102.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE:PORPHYRITIC, COARSE-GRAIN, CATACLASTIC
 5% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 2.5% POTASH FELDSPAR AS
 1% POTASH FELDSPAR AS EUHEDRAL
 70% CHLORITE AS PERSVASIVE
 .01% HEMATITE AS STAINIGS

From: 108.90FT To: 150.00FT

*A001	16374	120.0	124.2	4.2	:	304	52	0.3	0.18	28	0.01	17
*A001	16375	124.2	132.2	8.0	:	470	45	0.2	0.01	1.0	0.01	30
*A001	16376	132.2	137.5	5.3	:	470	73	0.2	0.01	1.0	0.01	31
*A001	16377	137.5	138.6	1.1	:	82	9	0.1	0.01	1.0	0.01	0.01
*A001	16378	138.6	145.6	7.0	:	400	63	0.2	0.01	1.0	0.01	29
*A001	16379	145.6	148.6	3.0	:	560	30	0.4	0.01	1.0	0.01	37
*A001	16380	148.6	150.0	1.4	:	860	26	0.5	0.01	1.0	19	28

PYROXENITE GREENISH BLACK
 TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 40% BIOTITE AS ROSETTES
 40% CHLORITE AS PERSVASIVE
 5% POTASH FELDSPAR AS

From: 109.60FT To: 121.20FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK AND WITH FELDSPATHIC, SPECKLED
 TEXTURE:MEDIUM-GRAINED, FINE-GRAINED, EQUIGRANULAR, BANDED
 .3% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 5% POTASH FELDSPAR AS MACROVEINS
 40% BIOTITE AS ROSETTES
 20% CHLORITE AS PERSVASIVE
 GABBRO ZONE BETWEEN SYENITE AND PYROXENITE.

From: 123.50FT To: 124.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL, GRANITIC
 STRUCTURE:TOP CONTACT DIPPING 110
 .3% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS BRECCIA FILLINGS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 .3% EPIDOTE AS PATCHES

From: 124.10FT To: 132.30FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK
 TEXTURE:VERY FINE GRAINED, EQUIGRANULAR
 .3% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .3% CALCITE AS
 70% CHLORITE AS PERVASIVE
 20% BIOTITE AS DISSEMINATIONS
 2.5% POTASH FELDSPAR AS

From: 137.50FT To: 138.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL
 STRUCTURE:BOTTOM CONTACT DIPPING 075
 .3% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS BRECCIA FILLINGS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 1% EPIDOTE AS PATCHES

From: 148.60FT To: 150.00FT

100 % OF THIS SUBINTERVAL IS
 VEIN GREENISH BLACK
 TEXTURE:FINE-GRAINED, BANDED
 STRUCTURE:TOP CONTACT DIPPING 065
 .3% PYRITE AS DISSEMINATIONS
 5% HEMATITE AS BOXWORK
 5% CALCITE AS
 20% LIMONITE AS PERVASIVE
 30% EPIDOTE AS PERVASIVE
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL

From: 150.00FT To: 153.40FT

 *A001 16381 150.0 160.0 10.0 : 251 13 0.1 0.01 1.0 0.01 10
 INTRUSION BRECCIA DARK BLACK AND WITH MOTTLED
 TEXTURE:CATACLASTIC MATRIX
 STRUCTURE:BOTTOM CONTACT DIPPING 060
 10% HEMATITE AS PERVASIVE
 .03% CALCITE AS MICROVEINS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 SMALL INCLUSIONS OF PYROXENITE IN SHONKINITE; BOTH
 ROCKS LOCALLY GROUND-UP: CATACLASTIC GROUNDMASS WITH
 HEMATITE.

From: 153.40FT To: 180.00FT

*A001 16382 160.0 170.0 10.0 : 244 15 0.2 0.01 1.2 0.01 0.01
 *A001 16383 170.0 180.0 10.0 : 215 10 0.2 0.01 1.0 0.01 0.01

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

AUGITE SYENITE DARK GRAY AND WITH MOTTLED
 TEXTURE:MEDIUM-GRAINED, FINE-GRAINED, CATACLASTIC, BANDED
 .3% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS
 1% CALCITE AS

CUT BY SMALL SYENITE DIKES AND CATACLASTIC ZONES.
 THE FIRST ONE FOOT IS VERY COARSE GRAINED.

From: 153.40FT To: 180.00FT

20 % OF THIS SUBINTERVAL IS

SYENITE REDISH GRAY
 TEXTURE:COARSE-GRAINED, INEQUIGRANUL, GRANITIC, BANDED
 .3% MAGNETITE AS DISSEMINATIONS
 2.5% CALCITE AS BRECCIA FILLINGS
 .3% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
 1% EPIDOTE AS PATCHES
 END OF HOLE AT 180 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-21 ****

page 1

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:10DEC86

Total Depth of Hole: 70.00 FT True Collar Azm of Hole: 40.00 Collar Dip: -45.00

Northing: 225.00 Easting: 8.00 Collar elev: 0.00 FT

Survey: 0.00 to 70.00 True Azm of Hole: 40.00 Dip: -45.00
*A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 8.00FT

OVERBURDEN: ROTARY DRILLE

From: 8.00FT To: 70.00FT

*A001	16235	8.0	16.4	8.4	:	133	12	0.1	0.01	5	0.01	0.01
*A001	16236	16.4	27.0	10.6	:	8	8	0.1	0.01	4	0.01	0.01
*A001	16237	27.0	37.0	10.0	:	8	8	0.1	0.01	1.0	0.01	0.01
*A001	16238	37.0	42.8	5.8	:	8	9	0.1	0.01	1.0	0.01	0.01
*A001	16239	42.8	50.4	7.6	:	76	8	0.1	0.01	1.0	0.01	0.01
*A001	16240	50.4	60.0	9.6	:	184	12	0.1	0.01	1.0	0.01	0.01
*A001	16241	60.0	70.0	10.0	:	130	14	0.1	0.01	1.0	0.01	0.01

AUGITE SYENITE REDISH BLACK AND WITH MOTTLED
 TEXTURE:COARSE-GRAINED
 .01% PYRITE AS SELVAGES
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS PERVASIVE
 .01% QUARTZ AS VEINS
 .3% BIOTITE AS ROSETTES
 .01% LIMONITE AS STAINIGS
 FRESH ROCK. LOCALLY, INTERNALLY DISRUPTED CRYSTALS.

From: 16.00FT To: 43.00FT

100 % OF THIS SUBINTERVAL IS
 RHYOLITE GREENISH GRAY, WITH QUARTZ, POTASH FELDSPAR AND WITH
 FRESH
 TEXTURE:PORPHYRITIC, CHILLED CONT
 .01% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .3% CALCITE AS VEINS
 .01% LIMONITE AS STAINIGS
 RARE 1-2 CM. K-SPAR PHENOCRYSTS; ABUNDANT QUARTZ EYES

From: 43.00FT To: 50.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 TEXTURE:MEDIUM-GRAINED, INEQUIGRANUL
 1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS BOXWORK
 .03% CALCITE AS PERVASIVE
 LOWER CONTACT GROUND UP.
 END OF HOLE AT 70 FT.

End of Hole

Acg. AUTOREPORT

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-22 ****

page 1

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:09DEC86

Total Depth of Hole: 89.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 225.00 Easting: 8.00 Collar elev: 0.00 FT

Survey: 0.00 to 89.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 20.00FT

OVERBURDEN: ROTARY DRILLE

From: 20.00FT To: 44.00FT

*A001	15588	20.0	30.0	10.0	:	169	43	0.1	0.01	1.0	0.01	16
*A001	15589	30.0	40.0	10.0	:	153	45	0.1	0.01	1.0	0.01	16
*A001	15590	40.0	43.8	3.8	:	303	52	0.3	0.01	1.0	0.01	26
*A001	15591	43.8	54.0	10.2	:	100	10	0.2	0.01	1.0	0.01	0.01

GABBRO LIGHT GRAY
 TEXTURE:GABBROIC, COARSE-GRAIN
 .01% PYRITE AS DISSEMINATIONS
 .1% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS VEINS
 .3% CALCITE AS
 20% BIOTITE AS ROSETTES

BIOTITE-ALTERED COARSE-GRAINED GABBRO.

From: 44.00FT To: 89.00FT

*A001	15592	54.0	64.0	10.0	:	49	10	0.1	0.01	1.0	0.01	0.01
*A001	15593	64.0	67.7	3.7	:	55	13	0.1	0.01	1.0	0.01	0.01
*A001	15594	67.7	69.8	2.1	:	34	44	0.1	0.01	1.0	0.01	0.21
*A001	15595	69.8	73.8	4.0	:	66	16	0.2	0.01	1.0	0.01	0.01
*A001	15596	73.8	75.2	1.4	:	209	47	0.1	0.01	1.0	0.01	0.20
*A001	15597	75.2	85.0	9.8	:	62	13	0.1	0.01	5	0.01	0.01
*A001	15598	85.0	89.0	4.0	:	45	10	0.1	0.01	1.0	0.01	0.01

AUGITE SYENITE LIGHT RED
 TEXTURE:COARSE-GRAINED
 .3% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS BLEBS
 .01% CALCITE AS MICROVEINS
 .01% CLAY AS DISSEMINATIONS

COARSE, FRESH AUGITE SYENITE, LOCALLY SHEARED, CONTAINING A FEW INCLUSIONS OF PYROXENITE.

From: 67.40FT To: 69.70FT

100% OF THIS SUBINTERVAL IS
 PYROXENITE DARK BLACK
 TEXTURE:COARSE-GRAINED, POIKILITIC
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 .01% LIMONITE AS STAINIGS

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-22 ****

page 2

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 75.50FT To: 79.80FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH BROWN
TEXTURE:PORPHYRITIC, BRECCIATED
2.5% HEMATITE AS FRAMEWORK CRYSTALS
ZONE OF FRAGMENTED SYENITE BRECCIA.

End of Hole

END OF HOLE AT 89 FT.

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-23 ****

Property: PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date: 21NOV86

Total Depth of Hole: 285.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 15.00 Easting: -135.00 Collar elev: 0.00 FT

Survey: 0.00 to 285.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 30.00FT

OVERBURDEN: ROTARY DRILLE

From: 30.00FT To: 45.00FT

*A001 9416	30.0	40.0	10.0	:	77	11	0.1	0.01	2	0.01	0.01
*A001 9417	40.0	50.0	10.0	:	173	52	0.1	0.01	3	0.01	10

SYENITE REDISH GRAY AND WITH VUGGY

FINE GRAINED
1% HEMATITE AS FLOODING

From: 41.10FT To: 42.00FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA YELLOWISH BROWN AND WITH JASPERIZED
STRUCTURE: TOP CONTACT DIPPING 095, BANDING DIPPING 095

3% HEMATITE AS FLOODING
5% QUARTZ AS FLOODING

From: 42.00FT To: 45.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE REDISH BLACK
EXTREMELY FINE GRAINED
.3% CALCITE AS MICROVEINS

From: 45.00FT To: 53.00FT

*A001 9418	50.0	60.0	10.0	:	360	39	0.1	0.01	4	0.01	15
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INTRUSION BRECCIA V. DARK BLACK
.3% HEMATITE AS STAINIGS

1% CALCITE AS MICROVEINS
LARGE BLOCKS AND FRAGMENTS OF GABBRO AND SHONKINITE
IN SYENITIC MATRIX.

From: 51.50FT To: 52.50FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA
20% CALCITE AS BRECCIA FILLINGS
RUBBLE BRECCIA

From: 53.00FT To: 80.20FT

AUTOREPORT

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-23 ****

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	9419	60.0	70.0	10.0 :	480	30	0.1	0.01	2	0.01	15
*A001	9420	70.0	80.0	10.0 :	1410	24	1.0	0.07	1.0	0.01	30
*A001	9421	80.0	90.0	10.0 :	105	18	0.1	0.01	1.0	0.01	0.01

ANDESITE V. DARK BLACK
 EXTREMELY FINE GRAINED
 TEXTURE: CRACKLE-BRECCIATED
 STRUCTURE: TOP CONTACT DIPPING 105
 .01% PYRITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 2.5% CALCITE AS VEINS
 1% CALCITE AS MICROVEINS

From: 80.20FT To: 158.50FT

*A001	9422	90.0	100.0	10.0 :	144	15	0.1	0.01	2	0.01	0.01
*A001	9423	100.0	110.0	10.0 :	202	19	0.1	0.01	3	0.01	10
*A001	9424	110.0	120.0	10.0 :	246	19	0.1	0.01	4	0.01	0.01
*A001	9425	120.0	130.0	10.0 :	127	16	0.1	0.01	2	0.01	0.01
*A001	15226	130.0	140.0	10.0 :	180	18	0.1	0.01	2	0.01	0.01
*A001	15227	140.0	150.0	10.0 :	114	24	0.1	0.01	2	0.01	20
*A001	15228	150.0	160.0	10.0 :	117	15	0.1	0.01	2	0.01	0.01

SYENITE, VAR. SHONKINITE REDISH BLACK
 EXTREMELY FINE GRAINED
 .03% HEMATITE AS STAINIGS
 .03% CALCITE AS VEINS
 .3% CALCITE AS BRECCIA FILLINGS
 .03% CALCITE AS MICROVEINS
 ZONE OF HYBRID ROCK, WITH ANDESITE INCLUSIONS AND
 SYENITE DIKES.

From: 90.00FT To: 92.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 FINE GRAINED
 DIPPING 065

From: 105.90FT To: 107.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 FINE GRAINED
 STRUCTURE: TOP CONTACT DIPPING 135

From: 107.80FT To: 108.90FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 EXTREMELY FINE GRAINED
 2.5% HEMATITE AS FLOODING
 .03% CALCITE AS VEINS
 .3% CALCITE AS BRECCIA FILLINGS

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-23 ****

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

.03% CALCITE AS MICROVEINS

From: 119.30FT To: 121.20FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
FINE GRAINED
STRUCTURE: BOTTOM CONTACT

LOWER 1 FT. IS AUGITE SYENITE.

From: 135.50FT To: 138.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE REDISH BLACK
EXTREMELY FINE GRAINED
TEXTURE: CRACKLE-BRECCIATED

.3% PYRITE AS DISSEMINATIONS
.03% HEMATITE AS STAINIGS
.03% CALCITE AS VEINS
5% QUARTZ AS MICROVEINS
.3% CALCITE AS BRECCIA FILLINGS
.3% PYRITE AS MICROVEINS
.03% CALCITE AS MICROVEINS

From: 158.50FT To: 172.90FT

*A001	15229	160.0	170.0	10.0	:	500	35	0.1	0.01	3	0.01	16
*A001	15230	170.0	180.0	10.0	:	185	20	0.1	0.01	3	0.01	0.01

INTRUSION BRECCIA V. DARK BLACK
.01% PYRITE AS DISSEMINATIONS
.3% HEMATITE AS FLOODING
1% CALCITE AS MICROVEINS
1% CALCITE AS VEINS

From: 172.90FT To: 285.00FT

*A001	15231	180.0	190.0	10.0	:	100	18	0.1	0.01	1.0	0.01	0.01
*A001	15232	190.0	200.0	10.0	:	159	16	0.1	0.01	1.0	0.01	0.01
*A001	15233	200.0	210.0	10.0	:	218	21	0.1	0.01	1.0	0.01	0.01
*A001	15234	210.0	220.0	10.0	:	200	20	0.1	0.01	1.0	0.01	0.01
*A001	15235	220.0	230.0	10.0	:	145	20	0.1	0.01	1.0	0.01	0.01
*A001	15236	230.0	240.0	10.0	:	131	20	0.1	0.01	1.0	0.01	0.01
*A001	15237	240.0	250.0	10.0	:	189	18	0.1	0.01	1.0	0.01	0.01
*A001	15238	250.0	260.0	10.0	:	153	16	0.1	0.01	1.0	0.01	0.01
*A001	15239	260.0	270.0	10.0	:	115	18	0.1	0.01	1.0	0.01	0.01
*A001	15240	270.0	280.0	10.0	:	370	19	0.3	0.01	2.0	0.01	2.1
*A001	15241	280.0	285.0	5.0	:	85	18	0.2	0.01	2	0.01	0.01

SYENITE, VAR. SHONKINITE DARK GRAY
TEXTURE: FLOW-BANDED
.01% PYRITE AS DISSEMINATIONS
.03% HEMATITE AS FLOODING

AU UNIFORM

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-23 ****

page 4

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

1% CALCITE AS MICROVEINS
1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
2.5% CALCITE AS VEINS

From: 254.00FT To: 263.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE LIGHT BROWN AND WITH ARGILLIZED

TEXTURE: FLOW-BANDED
STRUCTURE: FRACTURED
.01% PYRITE AS DISSEMINATIONS
.03% HEMATITE AS FLOODING
1% CALCITE AS MICROVEINS
2.5% CLAY AS DISSEMINATIONS
5% HEMATITE AS FLOODING
2.5% CALCITE AS VEINS

FRACTURE ZONE WITH STRONG ARGILLIZATION ON FRACTURES
FRACTURES IRREGULAR BUT TRENDING ALONG CORE.
END OF HOLE AT 285.0 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole:DDH-24 ****

Property:PLATINUM BLONDE GRID AVERILL

Logged by: JRR Date:09DEC86

Total Depth of Hole: 136.00 FT

True Collar Azm of Hole: 130.00 Collar Dip: -45.00

Northing: 15.00 Easting: -135.00 Collar elev: 0.00 FT

Survey: 0.00 to 136.00 True Azm of Hole: 130.00 Dip: -45.00
 *A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 00.00FT To: 18.00FT

OVERBURDEN: ROTARY DRILLE

From: 18.00FT To: 136.00FT

*A001	15453	18.0	28.0	10.0	216	66	0.1	0.01	1.0	0.01	0.01
*A001	15454	28.0	38.0	10.0	168	67	0.1	0.01	1.0	0.01	0.12
*A001	15455	38.0	48.0	10.0	172	66	0.1	0.01	1.0	0.01	0.01
*A001	15456	48.0	58.0	10.0	141	66	0.1	0.01	1.0	0.01	0.01
*A001	15457	58.0	68.0	8.0	115	65	0.1	0.01	1.0	0.01	0.01
*A001	15458	66.0	75.0	9.0	375	59	0.1	0.01	1.0	0.01	0.01
*A001	15459	75.0	85.0	10.0	610	70	0.1	0.01	1.0	0.01	0.20
*A001	15460	85.0	95.0	10.0	323	78	0.1	0.01	1.0	0.01	0.18
*A001	15461	89.4	100.0	10.6	151	66	0.1	0.01	1.0	0.01	0.01
*A001	15462	100.0	110.0	10.0	264	82	0.1	0.01	1.0	0.01	0.20
*A001	15463	110.0	120.0	10.0	184	86	0.1	0.01	1.0	0.01	0.01
*A001	15464	120.0	130.0	10.0	157	80	0.1	0.01	1.0	0.01	0.01
*A001	15465	130.0	140.0	10.0	157	80	0.1	0.01	1.0	0.01	0.01

GABBRO DARK GRAY
 TEXTURE:GABBROIC, FINE-GRAINED
 .01% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS STAINIGS
 2.5% CALCITE AS
 .03% EPIDOTE AS SELVAGES
 HEMATITE WITH EPIDOTE IN LOCAL VEIN SYSTEM.

From: 42.50FT To: 127.00FT

100 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA
 1% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS STAINIGS
 5% CALCITE AS

BRECCIA ZONE WITH GABBRO AND MINOR SHONKINITE.
 MATRIX OF GROUND GABBRO STAINED BY HEMATITE.
 SLICKENSIDED SHEARS IN FAULT ZONE.
 END OF HOLE AT 136 FEET.

End of Hole

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**** Drillhole: DDH-25 ****

page 1

Property: PLATINUM BLONDE GRID BUFFALO

Logged by: JRR Date: 20NOV86

Total Depth of Hole: 103.00 FT

True Collar Azm of Hole: 040.00 Collar Dip: -45.00

Northing: 440.00 Easting: -60.00 Collar elev: 0.00 FT

Survey: 0.00 to 103.00 True Azm of Hole: 040.00 Dip: -45.00

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A002	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD

From: 5.00FT To: 73.80FT

*A001	15443	5.0	15.0	10.0	650	23	0.3	0.01	1.0	0.01	38
*A001	15444	15.0	25.0	10.0	341	24	0.4	0.01	1.0	0.27	34
*A001	15445	25.0	35.0	10.0	84	23	0.3	0.01	1.0	0.01	20
*A001	15446	35.0	45.0	10.0	70	23	0.1	0.01	1.0	0.01	0.01
*A001	15447	45.0	55.0	10.0	247	22	0.3	0.01	1.0	0.40	75
*A001	15448	55.0	65.0	10.0	310	20	0.4	0.01	1.0	0.01	48
*A001	15449	65.0	71.0	6.0	218	25	0.3	0.01	1.0	0.01	21
*A001	15410	71.0	75.8	4.8	660	37	1.0	0.01	1.0	0.01	35
*A002	15450	75.0	15.0	10.0	730	22	0.6	0.01	1.0	33	64
*A002	15451	15.0	25.0	10.0	261	22	0.1	0.01	1.0	26	57
*A002	15452	25.0	35.0	10.0	167	21	0.1	0.01	1.0	0.01	24

ANDESITE V. DARK BLACK
EXTREMELY FINE GRAINED
.3% HEMATITE AS MICROVEINS
2.5% CALCITE AS MICROVEINS
2.5% HEMATITE AS FLOODING

PHENOCRYSTS VERY BARE AT TOP OF HOLE. INCREASING
GRADUALLY WITH DEPTH.

From: 47.70FT To: 48.00FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA WHITE GRAY
10% CALCITE AS BRECCIA FILLINGS
2.5% HEMATITE AS FLOODING

From: 73.80FT To: 75.60FT

SYENITE REDISH GRAY
FINE GRAINED
5% HEMATITE AS MICROVEINS
3% CALCITE AS MICROVEINS
1% HEMATITE AS STAINIGS

From: 73.80FT To: 75.00FT

100 % OF THIS SUBINTERVAL IS
RUBBLE BRECCIA MEDIUM GRAY
TEXTURE BANDED
1% HEMATITE AS MICROVEINS
5% CALCITE AS MICROVEINS
1% HEMATITE AS FLOODING
BANDED RUBBLE BRECCIA, DOMINANTLY SYENITE FRAGMENTS.

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**** Drillhole: DDH-25 ****

page 2

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A002	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD

--continue--

From: 75.60FT To: 86.00FT

*A001	9411	75.8	80.8	5.0	336	59	0.1	0.01	1.0	0.01	25
*A001	9412	80.8	85.8	5.0	114	41	0.1	0.01	1.2	0.01	20
*A001	15243	85.8	90.0	4.2	122	17	0.2	0.01	1.0	0.01	0.01

GABBRO GREENISH BLACK

EXTREMELY FINE GRAINED
 .3% HEMATITE AS MICROVEINS
 .3% CALCITE AS MICROVEINS
 10% CHLORITE AS ENVELOPES
 40% EPIDOTE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS

From: 86.00FT To: 103.00FT

*A001	15244	90.0	98.2	8.2	117	71	0.2	0.01	1.8	0.01	0.01
*A001	15245	98.2	103.0	4.8							

SYENITE REDISH GRAY AND WITH 10% AUGITE
 FINE GRAINED

From: 90.00FT To: 98.90FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE DARK GRAY
 EXTREMELY FINE GRAINED
 5% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS BRECCIA FILLINGS
 5% UNIDENTIFIED CARBONATE AS EUHEDRAL
 GRADITIONAL CONTACTS.

END OF HOLE AT 103 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-26 ****

Property: PLATINUM BLONDE GRID BUFFALO

Logged by: JRR Date: 20NOV86

Total Depth of Hole: 303.00 FT

True Collar Azm of Hole: 090.00 Collar Dip: -45.00

Northing: 440.00 Easting: 60.00 Collar elev: 0.00 FT

Survey: 0.00 to 303.00 True Azm of Hole: 090.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 7.00FT To: 67.00FT

*A001	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	15526	7.0	10.0	3.0	108	28	0.2	0.01	1.0	0.01	20
*A001	15527	10.0	20.0	10.0	198	229	0.1	0.01	1.0	0.24	34
*A001	15528	20.0	30.0	10.0	98	30	0.2	0.01	1.0	0.01	26
*A001	15529	30.0	40.0	10.0	58	36	0.2	0.01	1.0	0.01	19
*A001	15530	40.0	50.0	10.0	480	99	0.2	0.01	1.0	0.22	40
*A001	15531	50.0	60.0	10.0	1630	30	2.2	0.05	1.0	0.01	36
*A001	15532	60.0	66.8	6.8	3770	34	6.0	0.06	1.0	0.27	57

ANDESITE V. DARK BLACK
EXTREMELY FINE GRAINED
TEXTURE: INEQUIGRANULAR
10% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
1% CALCITE AS MICROVEINS

From: 7.00FT To: 21.80FT

100 % OF THIS SUBINTERVAL IS
ANDESITE
EXTREMELY FINE GRAINED
TEXTURE: EQUIGRANULAR
10% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
1% CALCITE AS MICROVEINS

From: 27.20FT To: 28.50FT

100 % OF THIS SUBINTERVAL IS
QUARTZ VEIN PALE BROWN
STRUCTURE: TOP CONTACT DIPPING 095
1% HEMATITE AS STAINIGS
100% QUARTZ AS MACROVEINS

From: 35.10FT To: 35.50FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA
5% CALCITE AS BRECCIA FILLINGS
CRACKLE-BRECCIATED 33.9-37.7 FT.

From: 41.70FT To: 44.00FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA MEDIUM GRAY
STRUCTURE: TOP CONTACT DIPPING 085, BOTTOM CONTACT DIPPING 115
50% MYLONITE AS BRECCIA FILLINGS

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**** Drillhole: DDH-26 ****

page 2

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 45.00FT To: 45.10FT

100% OF THIS SUBINTERVAL IS
QUARTZ VEIN
100% QUARTZ AS MACROVEINS

From: 45.10FT To: 49.90FT

100 % OF THIS SUBINTERVAL IS
ANDESITE
EXTREMELY FINE GRAINED
TEXTURE:CRACKLE-BRECCIATED
STRUCTURE:BOTTOM CONTACT DIPPING 095
10% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
2.5% CALCITE AS MICROVEINS
TERMINATES IN 1/2" OF RUBBLE BRECCIA (FAULT BRECCIA)
NUMEROUS UNHEALED FRACTURES.

From: 55.70FT To: 56.50FT

100 % OF THIS SUBINTERVAL IS
ANDESITE V.DARK BLACK
EXTREMELY FINE GRAINED
TEXTURE:CRACKLE-BRECCIATED
10% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
1% CALCITE AS MICROVEINS
1% MALACHITE AS ENCRUSTATIONS
UNHEALED CRACKLE BRECCIA AS ABOVE, WITH MALACHITE IN
OPENED FRACTURES.

From: 57.80FT To: 58.00FT

100 % OF THIS SUBINTERVAL IS
RUBBLE BRECCIA V.DARK BLACK
30% QUARTZ AS BRECCIA FILLINGS

From: 58.00FT To: 67.00FT

100 % OF THIS SUBINTERVAL IS
ANDESITE
EXTREMELY FINE GRAINED
TEXTURE:CRACKLE-BRECCIATED
10% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS STAINIGS
2.5% CALCITE AS MICROVEINS
2.5% QUARTZ AS VEINS

From: 67.00FT To: 92.00FT

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
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*A001	9405	67.0	72.0	5.0	100	31	0.3	0.01	3	0.01	0.01
*A001	9406	72.0	77.0	5.0	167	40	0.1	0.01	1.0	0.01	40
*A001	9407	77.0	82.0	5.0	352	60	0.2	0.01	2	0.01	35
*A001	9408	82.0	87.0	5.0	440	65	0.1	0.01	1.0	0.01	30
*A001	9409	87.0	92.0	5.0	205	67	0.1	0.01	1.0	0.01	35
*A001	15533	91.6	100.0	8.4	148	13	0.1	0.01	1.0	0.01	0.01

SYENITE, VAR. SHONKINITE DARK GRAY
CONTACT ZONE BETWEEN SYENITE AND ANDESITE.

From: 67.00FT To: 69.50FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE DARK GRAY
TEXTURE: CATACLASTIC MATRIX, EQUIGRANULAR
1% PYRITE AS DISSEMINATIONS
.3% HEMATITE AS DISSEMINATIONS
1% CALCITE AS MICROVEINS
5% QUARTZ AS VEINS
BRECCIATION OF THIS INTERVAL IS CLEARLY SHOWN BY
DISRUPTION OF THE QUARTZ VEINS. SYENITE-ANDESITE
HYBRID?

From: 69.50FT To: 69.90FT

100 % OF THIS SUBINTERVAL IS
GOUGE MEDIUM GRAY
STRUCTURE: TOP CONTACT DIPPING 075

From: 69.90FT To: 70.70FT

100 % OF THIS SUBINTERVAL IS
SYENITE LIGHT GRAY
FINE GRAINED
TEXTURE: CATACLASTIC MATRIX
.3% PYRITE AS DISSEMINATIONS
.3% HEMATITE AS DISSEMINATIONS
1% CALCITE AS MICROVEINS
CONTAINS 40% ANDESITE FRAGMENTS.

From: 70.70FT To: 73.00FT

100 % OF THIS SUBINTERVAL IS
ANDESITE V. DARK BLACK
TEXTURE: EQUIGRANULAR
.3% PYRITE AS DISSEMINATIONS
.01% HEMATITE AS DISSEMINATIONS
5% EPIDOTE AS SPOTS
20% CHLORITE AS PATCHES
PROBABLY A LARGE INCLUSION

From: 73.00FT To: 76.00FT

100 % OF THIS SUBINTERVAL IS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

AUGITE SYENITE REDISH GRAY
 EXTREMELY FINE GRAINED
 01% HEMATITE AS DISSEMINATIONS
 10% EPIDOTE AS SPOTS
 10% CHLORITE AS PATCHES
 BRECCIATED AFTER 76.8 FT, WITH LARGE FRAGMENTS OF
 ALTERED ANDESITE. K-SPAR CRYSTALS FRACTURED WITH
 CARBONATE FRACTURE-FILLINGS.

From: 76.00FT To: 92.00FT

100 % OF THIS SUBINTERVAL IS
 ANDESITE V. DARK BLACK
 TEXTURE: EQUIGRANULAR
 5% EPIDOTE AS
 20% CHLORITE AS PATCHES

BRECCIATED 90.7-92.0 FT.

From: 92.00FT To: 162.00FT

*A001	15534	100.0	110.0	10.0	:	113	11	0.2	0.01	1.0	0.01	0.01
*A001	15535	110.0	119.4	9.4	:	68	9	0.5	0.01	1.0	0.01	0.01
*A001	15536	119.4	130.0	10.6	:	106	14	0.3	0.01	1.0	0.01	0.01
*A001	15537	130.0	140.0	10.0	:	86	14	0.1	0.01	1.0	0.01	0.01
*A001	15538	140.0	150.0	10.0	:	74	14	0.2	0.01	1.0	0.01	0.01
*A001	15539	150.0	160.0	10.0	:	67	17	0.5	0.03	1.0	0.01	0.01
*A001	15540	160.0	162.0	2.0	:	209	52	0.3	0.01	1.0	0.01	14

SYENITE REDISH GRAY
 GLASSY
 TEXTURE: INEQUIGRANULAR
 CONTAINS 1-2% DISSEMINATED UNIDENTIFIED MINERAL: TAN
 TO VERY LIGHT BROWN, EARTHY LUSTER, AS SPINDLE OR
 ARROWHEAD-SHAPED CRYSTALS ALIGNED LINEARLY (ALONG
 MICROFRACTURES?)
 BRECCIATED 92.0 TO 97.0 FT.

From: 119.30FT To: 136.70FT

100 % OF THIS SUBINTERVAL IS
 SYENITE DARK GRAY AND WITH 40% AUGITE
 EXTREMELY FINE GRAINED
 TEXTURE: INEQUIGRANULAR
 20% EPIDOTE AS SPOTS

ABOUT HALF THE AUGITE IS EPIDOTIZED.

From: 162.00FT To: 228.90FT

*A001	15541	162.0	170.0	8.0	:	252	70	0.2	0.01	1.0	0.01	21
*A001	15542	170.0	180.0	10.0	:	186	65	0.2	0.01	1.0	0.01	18
*A001	15543	180.0	190.0	10.0	:	142	75	0.4	0.01	1.0	0.01	20
*A001	15544	190.0	200.0	10.0	:	362	79	0.2	0.01	1.0	0.01	0.01

--continue--

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

*A001	15545	200.0	205.1	5.1	:	277	65	0.4	0.01	1.0	0.01	38
*A001	15546	205.1	214.9	9.8	:	60	23	0.1	0.03	1.0	0.01	0.01
*A001	15547	214.9	224.4	9.5	:	283	68	0.1	0.02	1.1	0.01	32
*A001	15548	224.4	229.0	4.6	:	39	15	0.2	0.01	1.0	0.01	0.01

ANDESITE DARK BLACK AND WITH FLOW-BANDED
 EXTREMELY FINE GRAINED
 .3% PYRITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 1% CALCITE AS MICROVEINS
 GNEISSIC ANDESITE WITH SHATTERED AND DEFORMED DIKES
 OF SYENITE.

From: 205.10FT To: 207.70FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 EXTREMELY FINE GRAINED
 STRUCTURE:TOP CONTACT DIPPING 095

From: 209.20FT To: 214.80FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY AND WITH FLOW-BANDED
 EXTREMELY FINE GRAINED
 STRUCTURE:BOTTOM CONTACT DIPPING 105

From: 224.40FT To: 228.90FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 EXTREMELY FINE GRAINED
 STRUCTURE:TOP CONTACT DIPPING 105
 .3% PYRITE AS DISSEMINATIONS

From: 228.90FT To: 303.00FT

*A001	15549	229.0	240.0	11.0	:	221	42	0.1	0.01	1.0	0.01	31
*A001	15550	240.0	250.0	10.0	:	249	45	0.1	0.01	1.0	0.01	32
*A001	15551	250.0	260.0	10.0	:	234	61	0.1	0.01	1.0	0.01	36
*A001	15552	260.0	270.0	10.0	:	283	52	0.1	0.01	1.0	0.01	34
*A001	15553	270.0	280.0	10.0	:	287	46	0.3	0.01	1.0	0.01	24
*A001	15554	280.0	284.5	4.5	:	403	42	0.5	0.01	1.0	0.01	24
*A001	15555	284.5	291.5	7.0	:	20	15	0.3	0.01	1.0	0.01	0.01
*A001	15556	291.5	298.8	7.3	:	154	39	0.1	0.01	1.0	0.01	0.01
*A001	15557	298.8	303.0	4.2	:	117	18	0.4	0.01	1.0	0.01	0.01

GABBRO
 EXTREMELY FINE GRAINED
 STRUCTURE:TOP CONTACT DIPPING 115
 .3% CALCITE AS MICROVEINS
 5% EPIDOTE AS MICROVEINS
 20% EPIDOTE AS SPOTS
 CHILLED CONTACT AGAINST SYENITE. CUT BY MICROGABBRO

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

DIKES. ROCK HAS SPECKLED APPEARANCE DUE TO ABUNDANCE
OF EPIDOTIZED FELDSPARS.

From: 256.90FT To: 263.00FT

100 % OF THIS SUBINTERVAL IS

GABBRO V. DARK GRAY
EXTREMELY FINE GRAINED
STRUCTURE: TOP CONTACT DIPPING 120
10% MAGNETITE AS DISSEMINATIONS
.3% CALCITE AS MICROVEINS
60% CHLORITE AS ENVELOPES
30% PHLOGOPITE AS ROSETTES
CHLORITE-PHLOGOPITE ROCK.

From: 274.70FT To: 276.40FT

100 % OF THIS SUBINTERVAL IS

GABBRO V. DARK GRAY
EXTREMELY FINE GRAINED
STRUCTURE: TOP CONTACT DIPPING 105
10% MAGNETITE AS DISSEMINATIONS
.3% CALCITE AS MICROVEINS
60% CHLORITE AS ENVELOPES
30% PHLOGOPITE AS ROSETTES
0.1" HEMATITE VEIN AT 110.

From: 284.60FT To: 291.50FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH GRAY
EXTREMELY FINE GRAINED
STRUCTURE: TOP CONTACT DIPPING 080, BOTTOM CONTACT DIPPING 090

From: 298.40FT To: 303.00FT

100 % OF THIS SUBINTERVAL IS

SYENITE REDISH GRAY
STRUCTURE: TOP CONTACT DIPPING 090
END OF HOLE: 303.0 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-27 ****

page 1

Property: PLATINUM BLONDE GRID BUFFALO

Logged by: JRR Date: 21NOV86

Total Depth of Hole: 318.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 90.00 Easting: 30.00 Collar elev: 0.00 FT

Survey: 0.00 to 318.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 3.00FT

OVERBURDEN: ROTARY DRILLE

From: 3.00FT To: 19.00FT

	*A001	15467	3.0	13.0	10.0	:	193	35	0.1	0.01	1.0	0.01	22
	*A001	15468	13.0	23.0	10.0	:	342	34	0.3	0.01	1.0	0.01	52

DIORITE WHITE GREEN, WITH AUGITE
 EXTREMELY FINE GRAINED
 .01% PYRITE AS DISSEMINATIONS
 5% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS STAINIGS
 30% EPIDOTE AS ENVELOPES
 1X3 MM FELDSPARS IN DARK MATRIX GIVE THE ROCK A
 "SPECKLED" APPEARANCE.

From: 19.00FT To: 50.70FT

	*A001	15469	23.0	33.0	10.0	:	470	37	0.3	0.01	1.0	0.01	40
	*A001	15470	33.0	43.0	10.0	:	245	39	0.1	0.01	1.0	0.01	32
	*A001	15471	43.0	53.0	10.0	:	270	39	0.1	0.01	1.0	0.01	34

PYROXENITE V. DARK BLACK AND WITH 80% AUGITE
 TEXTURE: GABBROIC, EQUIGRANULAR
 STRUCTURE: BOTTOM CONTACT DIPPING 105
 .3% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS STAINIGS
 1% CALCITE AS VEINS
 5% EPIDOTE AS ENVELOPES
 5% EPIDOTE AS
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 20.00FT To: 21.00FT

100 % OF THIS SUBINTERVAL IS
 DIORITE BLACK GREEN, WITH AUGITE
 .3% PYRITE AS DISSEMINATIONS
 2.5% MAGNETITE AS DISSEMINATIONS
 30% EPIDOTE AS ENVELOPES
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 30.80FT To: 31.10FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 DIORITE BLACK GREEN, WITH AUGITE
 STRUCTURE:TOP CONTACT DIPPING 095
 1% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 20% EPIDOTE AS ENVELOPES
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 35.60FT To: 36.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GREEN AND WITH 80% AUGITE
 TEXTURE:GABBROIC, EQUIGRANULAR
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .3% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS MICROVEINS
 1% CALCITE AS VEINS
 70% EPIDOTE AS FLOODING
 5% EPIDOTE AS
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 36.00FT To: 38.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE V.DARK GREEN AND WITH 80% AUGITE
 TEXTURE:GABBROIC, EQUIGRANULAR
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .3% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS STAINIGS
 1% CALCITE AS VEINS
 50% EPIDOTE AS FLOODING
 5% EPIDOTE AS
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 47.90FT To: 48.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE MEDIUM GREEN AND WITH 80% AUGITE
 TEXTURE:GABBROIC, EQUIGRANULAR
 STRUCTURE:BOTTOM CONTACT DIPPING 105
 .3% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS MICROVEINS
 1% CALCITE AS VEINS
 90% EPIDOTE AS FLOODING
 5% EPIDOTE AS
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 48.50FT To: 50.70FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE GREENISH BLACK AND WITH 80% AUGITE
 TEXTURE:GABBROIC, EQUIGRANULAR
 STRUCTURE:BOTTOM CONTACT DIPPING 10S
 3% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS STAINIGS
 1% CALCITE AS VEINS
 50% EPIDOTE AS
 5% EPIDOTE AS
 1% HEMATITE AS
 .3% CALCITE AS MICROVEINS

From: 50.70FT To: 59.80FT

*A001 15472	53.0	63.0	10.0	:	238	38	0.1	0.01	1.0	0.01	23
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DIORITE BLACK GREEN, WITH AUGITE
 .01% PYRITE AS DISSEMINATIONS
 1% HEMATITE AS MICROVEINS
 10% EPIDOTE AS SPOTS
 10% CHLORITE AS
 IRREGULAR PATCHES PYROXENE-RICH SEGREGATIONS: PARTLY
 DIGESTED PYROXENITE INCLUSIONS?

From: 55.50FT To: 56.70FT

100 % OF THIS SUBINTERVAL IS
 DIORITE GREENISH BROWN, WITH AUGITE
 .01% PYRITE AS DISSEMINATIONS
 1% HEMATITE AS MICROVEINS
 80% EPIDOTE AS FLOODING
 10% POTASH FELDSPAR AS VEINS

From: 59.80FT To: 60.80FT

FAULT BRECCIA REDISH BLACK
 TEXTURE:BANDED
 60% MYLONITE AS LAMINATIONS

From: 60.80FT To: 202.30FT

*A001 15473	63.0	73.0	10.0	:	204	42	0.1	0.01	1.0	0.01	34
*A001 15474	73.0	82.8	9.8	:	560	35	0.4	0.36	1.0	0.01	41
*A001 15475	82.8	91.1	8.3	:	152	28	0.1	0.01	1.0	0.01	23
*A001 15477	91.1	92.2	1.1	:	190	12	0.1	0.01	1.0	0.01	0.01
*A001 15478	92.2	103.0	10.8	:	335	39	0.4	0.01	1.0	0.01	39
*A001 15476	103.0	113.0	10.0	:	395	46	0.3	0.01	1.0	0.01	32

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	15479	113.0	123.0	10.0	630	39	0.5	0.01	1.0	0.01	33
*A001	15480	123.0	133.0	10.0	160	30	0.1	0.01	1.0	0.25	46
*A001	15481	133.0	143.0	10.0	298	28	0.4	0.01	1.0	0.20	36
*A001	15482	143.0	153.0	10.0	336	28	0.6	0.02	1.0	0.01	34
*A001	15483	153.0	163.0	10.0	790	28	0.9	0.02	1.0	0.01	43
*A001	15484	163.0	173.0	10.0	470	26	0.5	0.01	1.0	0.23	50
*A001	15485	173.0	183.0	10.0	1120	28	1.0	0.01	1.0	0.37	54
*A001	15486	183.0	193.0	10.0	500	24	0.3	0.01	1.0	0.01	32
*A001	15487	193.0	203.0	10.0	352	26	0.2	0.01	1.0	0.01	47

PYROXENITE V. DARK GRAY
 TEXTURE: EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS VEINS
 1% PHLOGOPITE AS ROSETTES
 2.5% EPIDOTE AS ENVELOPES
 .3% CALCITE AS MICROVEINS

UPPER 0.4 FT. MOSAIC-BRECCIATED. AT 62.4 FT. CUT BY
 SYENITE VEIN WITH BRECCIA FRAGMENTS OF PYROXENITE.
 AT 67.9 FT. CUT BY 0.2 FT SYENITE VEIN. AT 69.8-70.1
 FT. SYENITIC BRECCIA VEIN WITH STRONGLY HEMATIZED
 PYROXENITE FRAGMENTS DIPS 115 DEGREES (70 DEGREE
 ANGLE TO CORE.) FELDSPATHIC INTERVALS RESEMBLING
 ANDESITE.

From: 62.40FT To: 83.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE V. DARK GRAY
 TEXTURE: EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS VEINS
 5% PHLOGOPITE AS ROSETTES
 10% EPIDOTE AS ENVELOPES
 .3% CALCITE AS MICROVEINS

From: 83.00FT To: 85.20FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY, WITH AUGITE
 FINE GRAINED
 STRUCTURE: TOP CONTACT DIPPING 090

From: 85.20FT To: 91.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GREEN
 TEXTURE: EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS VEINS
 5% PHLOGOPITE AS ROSETTES

AULUREPURT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

30% EPIDOTE AS FLOODING
.3% CALCITE AS MICROVEINS

From: 91.00FT To: 92.10FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
FINE GRAINED

STRUCTURE: TOP CONTACT DIPPING 075

From: 92.10FT To: 117.50FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE V. DARK GREEN
TEXTURE: CRACKLE-BRECCIATED
.01% PYRITE AS DISSEMINATIONS

10% MAGNETITE AS DISSEMINATIONS
2.5% CALCITE AS VEINS
.3% POTASH FELDSPAR AS MICROVEINS
20% EPIDOTE AS
1% CALCITE AS MICROVEINS

From: 117.50FT To: 128.80FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE DARK GREEN
TEXTURE: CRACKLE-BRECCIATED
.01% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
1% CALCITE AS VEINS
1% PHLOGOPITE AS ROSETTES
80% EPIDOTE AS

1% CALCITE AS MICROVEINS

From: 128.80FT To: 135.20FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE V. DARK GRAY
TEXTURE: RUBBLE-BRECCIATED
.3% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
1% HEMATITE AS MICROVEINS
5% CALCITE AS BRECCIA FILLINGS
2.5% ANKERITE AS
20% EPIDOTE AS ENVELOPES
.3% CALCITE AS MICROVEINS

From: 135.20FT To: 147.80FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE DARK GREEN
TEXTURE: CRACKLE-BRECCIATED
.3% PYRITE AS DISSEMINATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

10% MAGNETITE AS DISSEMINATIONS
 1% HEMATITE AS
 1% CALCITE AS MICROVEINS
 1% PHLOGOPITE AS ROSETTES
 40% EPIDOTE AS
 .3% CALCITE AS MICROVEINS

From: 147.80FT To: 150.80FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 STRUCTURE:TOP CONTACT DIPPING 090, BOTTOM CONTACT DIPPING 080

From: 150.80FT To: 188.30FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GREEN
 TEXTURE:CRACKLE-BRECCIATED, MOSAIC-BRECC
 .01% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 5% CALCITE AS VEINS
 1% PHLOGOPITE AS ROSETTES
 30% EPIDOTE AS
 2.5% CALCITE AS MICROVEINS

BRECCIATED SYENITE VEINS AT 1-2 FT. INTERVALS.

From: 188.30FT To: 189.70FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 STRUCTURE:BOTTOM CONTACT DIPPING 110
 50% EPIDOTE AS

.3% CALCITE AS MICROVEINS

From: 189.70FT To: 202.30FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK GREEN
 TEXTURE:EQUIGRANULAR
 .01% PYRITE AS DISSEMINATIONS
 10% MAGNETITE AS DISSEMINATIONS
 1% CALCITE AS VEINS
 1% PHLOGOPITE AS ROSETTES
 80% EPIDOTE AS
 .3% CALCITE AS MICROVEINS

BRECCIATED 0.7 FT FROM CONTACT.

From: 202.30FT To: 247.90FT

*A001	15488	203.0	213.0	10.0	:	19	16	0.1	0.01	1.0	0.01	0.01
*A001	15489	213.0	223.0	10.0	:	57	14	0.1	0.01	1.0	0.01	0.01
*A001	15490	223.0	237.9	14.9	:	200	15	0.1	0.01	1.0	0.01	0.01

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-27 ****

page 7

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	15491	237.9	243.0	5.1 :	19	11	0.1	0.01	1.0	0.01	0.01
*A001	15492	243.0	253.0	10.0 :	363	23	0.2	0.01	1.0	0.01	28

DACITE DARK BROWN
EXTREMELY FINE GRAINED
.01% PYRITE AS DISSEMINATIONS
VERY FRESH, UNALTERED. CHILLED, DEVITRIFIED CONTACT
AGAINST UNIT BELOW.

From: 210.20FT To: 222.00FT

100 % OF THIS SUBINTERVAL IS
DACITE DARK BROWN
EXTREMELY FINE GRAINED
STRUCTURE:TOP CONTACT DIPPING 095
.3% PYRITE AS DISSEMINATIONS
.01% HEMATITE AS STAININGS
1% CALCITE AS MICROVEINS
2.5% SERICITE AS FLOODING

From: 222.00FT To: 222.80FT

100 % OF THIS SUBINTERVAL IS
FAULT BRECCIA REDISH BROWN
TEXTURE:BANDED, RUBBLE-BRECC
STRUCTURE:TOP CONTACT DIPPING 090
10% HEMATITE AS FLOODING

From: 222.80FT To: 232.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE REDISH GREEN
FINE GRAINED
.3% PYRITE AS DISSEMINATIONS
1% HEMATITE AS FLOODING
1% QUARTZ AS VEINS
20% EPIDOTE AS ENVELOPES

From: 232.00FT To: 234.70FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V.DARK BLACK
2.5% HEMATITE AS FLOODING
2.5% CALCITE AS MICROVEINS
5% EPIDOTE AS ENVELOPES
1% HEMATITE AS MICROVEINS
2.5% CALCITE AS BRECCIA FILLINGS

From: 234.70FT To: 247.90FT

100 % OF THIS SUBINTERVAL IS
DACITE DARK BROWN
EXTREMELY FINE GRAINED
STRUCTURE:BOTTOM CONTACT DIPPING 085

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

1% PYRITE AS DISSEMINATIONS
1% CALCITE AS MICROVEINS

From: 247.90FT To: 256.90FT

*A001	15493	253.0	263.0	10.0	:	244	22	0.1	0.01	1.0	0.01	19
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PYROXENITE V. DARK GREEN

5% HEMATITE AS
1% CALCITE AS MICROVEINS
60% EPIDOTE AS
5% ANKERITE AS
2.5% CALCITE AS VEINS

BOTTOM 0.5' IS BRECCIATED, WITH SYENITE FRAGMENTS.

From: 256.90FT To: 318.00FT

*A001	15494	263.0	273.0	10.0	:	98	12	0.1	0.01	1.0	0.01	0.01
*A001	15495	273.0	283.0	10.0	:	96	12	0.1	0.01	1.0	0.01	0.01
*A001	15496	283.0	293.0	10.0	:	99	12	0.1	0.01	1.0	0.01	0.01
*A001	15497	293.0	303.0	10.0	:	126	12	0.1	0.01	1.0	0.01	0.01
*A001	15498	303.0	313.0	10.0	:	78	10	0.1	0.01	1.0	0.01	11
*A001	15499	313.0	318.0	5.0	:	64	12	0.1	0.01	1.0	0.01	11

SYENITE, VAR. SHONKINITE REDISH BLACK
FINE GRAINED
3% PYRITE AS DISSEMINATIONS
1% HEMATITE AS FLOODING
1% UNIDENTIFIED CARBONATE AS DISSEMINATIONS
END OF HOLE AT 318 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-28 ****

page 1

Property: PLATINUM BLONDE GRID BUFFALO

Logged by: JRR Date: 09DEC86

Total Depth of Hole: 208.00 FT

True Collar Azm of Hole: 220.00 Collar Dip: -45.00

Northing: 270.00 Easting: 100.00 Collar elev: 0.00 FT

Survey: 0.00 to 208.00 True Azm of Hole: 220.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 10.00FT

OVERBURDEN: ROTARY DRILLE

From: 10.00FT To: 197.40FT

*A001	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	16325	10.0	20.0	10.0	266	20	0.1	0.01	1.0	27	51
*A001	16326	20.0	30.0	10.0	290	15	0.1	0.01	1.0	0.01	31
*A001	16327	30.0	33.5	3.5	104	9	0.1	0.01	1.0	0.01	10
*A001	16328	33.5	39.2	5.7	283	14	0.1	0.01	1.0	0.01	23
*A001	15277	39.2	40.1	0.9	1700	29	0.8	0.04	1.0	0.01	45
*A001	16329	40.1	50.8	10.7	266	16	0.1	0.01	1.0	0.01	26
*A001	16330	50.8	54.6	3.8	158	10	0.1	0.01	1.0	0.01	0.01
*A001	16331	54.6	60.0	5.4	292	15	0.1	0.01	1.0	21	43
*A001	16332	60.0	70.0	10.0	161	16	0.1	0.01	1.0	25	38
*A001	16333	70.0	80.0	10.0	1010	27	0.2	0.01	1.0	41	94
*A001	16334	80.0	90.0	10.0	371	15	0.1	0.01	1.0	30	50
*A001	16335	90.0	100.0	10.0	320	16	0.1	0.01	1.0	26	38
*A001	16336	100.0	109.0	9.0	400	15	0.1	0.01	1.0	0.01	42
*A001	16337	109.0	120.0	11.0	1010	15	0.2	0.03	1.0	20	55
*A001	16338	120.0	130.0	10.0	305	16	0.1	0.01	1.0	24	57
*A001	16339	130.0	140.0	10.0	680	17	0.2	0.01	1.0	29	65
*A001	16340	140.0	150.0	10.0	870	15	0.3	0.02	1.0	30	53
*A001	16341	150.0	160.0	10.0	1880	20	1.6	0.01	1.0	47	71
*A001	15276	153.0	155.0	2.0	246	31	0.4	0.01	1.1	0.01	37
*A001	16342	160.0	162.9	2.9	680	21	0.5	0.01	1.0	0.01	42
*A001	16343	164.9	172.0	7.1	590	22	1.2	0.01	1.0	0.01	32
*A001	16344	172.0	174.9	2.9	89	13	0.1	0.01	1.0	0.01	0.01
*A001	16345	174.9	185.0	10.1	510	21	0.4	0.01	1.0	0.01	35
*A001	16346	185.0	195.0	10.0	640	21	0.5	0.01	1.0	0.01	36
*A001	16347	195.0	197.4	2.4	910	31	0.8	0.01	1.0	0.01	30

PYROXENITE DARK BLACK
TEXTURE: FINE-GRAINED, MEDIUM-GRAIN

- .01% PYRITE AS DISSEMINATIONS
- .01% CHALCOPYRITE AS BLEBS
- 5% MAGNETITE AS DISSEMINATIONS
- .01% HEMATITE AS MICROVEINS
- 1% CALCITE AS
- .3% POTASH FELDSPAR AS MICROVEINS
- .01% MALACHITE AS ENCRUSTATIONS
- 5% CHLORITE AS PERSVASIVE
- .01% PYRITE AS MICROVEINS
- .01% MAGNETITE AS BLEBS
- .01% HEMATITE AS ENCRUSTATIONS
- 0.5-1.0 MM FELTY WHITE ARGILLIZED ? CRYSTALS AFTER FELDSPAR?

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 26.30FT To: 28.20FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE MEDIUM GRAY
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 STRUCTURE: BOTTOM CONTACT DIPPING 100, BANDING DIPPING 100
 1% CALCITE AS MICROVEINS
 5% CLAY AS PATCHES
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

From: 30.40FT To: 33.50FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE MEDIUM GRAY
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 STRUCTURE: TOP CONTACT DIPPING 060
 .01% CALCITE AS MICROVEINS
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

From: 50.90FT To: 54.50FT

100 % OF THIS SUBINTERVAL IS
 AUGITE SYENITE MEDIUM GRAY
 TEXTURE: COARSE-GRAINED, FLOW-BANDED
 STRUCTURE: TOP CONTACT DIPPING 075, BOTTOM CONTACT DIPPING 095
 1% CALCITE AS
 .3% CLAY AS SELVAGES
 1% POTASH FELDSPAR AS VEINS
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

From: 67.80FT To: 75.20FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK BLACK
 TEXTURE: FINE-GRAINED, MEDIUM-GRAIN
 .01% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS MICROVEINS
 1% CALCITE AS
 2.5% POTASH FELDSPAR AS VEINS
 .01% MALACHITE AS ENCRUSTATIONS
 5% CHLORITE AS PERVASIVE
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 99.70FT To: 105.80FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK BLACK
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN
 .01% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS MICROVEINS
 1% CALCITE AS
 1% ANKERITE AS
 .01% MALACHITE AS ENCRUSTATIONS
 5% CHLORITE AS PERSVATIVE
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

From: 118.00FT To: 138.00FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE DARK BLACK
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN
 .01% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS BLEBS
 1% MAGNETITE AS NODULES
 .03% HEMATITE AS STAINIGS
 2.5% CALCITE AS
 2.5% POTASH FELDSPAR AS
 .01% MALACHITE AS ENCRUSTATIONS
 .3% CHLORITE AS SELVAGES
 .01% PYRITE AS MICROVEINS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS ENCRUSTATIONS

From: 153.00FT To: 154.50FT

100 % OF THIS SUBINTERVAL IS
 PYROXENITE
 TEXTURE:FINE-GRAINED, MEDIUM-GRAIN
 STRUCTURE:FRACTURE SET DIPPING 090
 .1% PYRITE AS MICROVEINS
 .01% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS SELVAGES
 1% CALCITE AS
 % POTASH FELDSPAR AS
 % MALACHITE AS
 % CHLORITE AS

From: 162.90FT To: 164.90FT

100 % OF THIS SUBINTERVAL IS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

PYROXENITE
 TEXTURE: FINE-GRAINED, MEDIUM-GRAIN
 5% PYRITE AS EUHEDRAL
 .01% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS MICROVEINS
 1% CALCITE AS
 % POTASH FELDSPAR AS
 % MALACHITE AS
 % CHLORITE AS

FINE AND COARSE PYRITE DISSEMINATED AND ALONG
 FRACTURE.

From: 165.40FT To: 173.60FT

100 % OF THIS SUBINTERVAL IS

AUGITE SYENITE DARK BLACK
 TEXTURE: MEDIUM-GRAINED, COARSE-GRAIN, FLOW-BANDED
 STRUCTURE: BOTTOM CONTACT DIPPING 125
 1% HEMATITE AS
 .01% CALCITE AS MICROVEINS
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

From: 182.70FT To: 183.50FT

100 % OF THIS SUBINTERVAL IS

QUARTZ VEIN
 STRUCTURE: TOP CONTACT DIPPING 080
 .3% PYRITE AS DISSEMINATIONS
 1% HEMATITE AS
 5% CALCITE AS
 90% AS MASSIVE

From: 186.00FT To: 197.40FT

100 % OF THIS SUBINTERVAL IS

PYROXENITE DARK BLACK
 TEXTURE: FINE-GRAINED, MEDIUM-GRAIN
 .01% PYRITE AS DISSEMINATIONS
 .01% CHALCOPYRITE AS BLEBS
 5% MAGNETITE AS DISSEMINATIONS
 .01% HEMATITE AS MICROVEINS
 1% CALCITE AS
 2.5% POTASH FELDSPAR AS VEINS
 .01% MALACHITE AS ENCRUSTATIONS
 5% CHLORITE AS PERSVASIVE
 .01% PYRITE AS MICROVEINS
 .01% MAGNETITE AS BLEBS
 .01% HEMATITE AS ENCRUSTATIONS

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-28 ****

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 197.40FT To: 208.00FT

*A001 16348 197.4 208.0 10.6 : 130 11 0.2 0.01 1.0 0.01 10

AUGITE SYENITE DARK GRAY
TEXTURE: MEDIUM-GRAINED, FLOW-BANDED
.01% PYRITE AS DISSEMINATIONS
.3% HEMATITE AS
.3% CALCITE AS MICROVEINS
1% POTASH FELDSPAR AS VEINS
END OF HOLE 208 FEET.

End of Hole

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PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-29 ****

Property: PLATINUM BLONDE GRID BUFFALO

Logged by: JRR Date: 01DEC86

Total Depth of Hole: 263.00 FT

True Collar Azm of Hole: 180.00 Collar Dip: -45.00

Northing: 480.00 Easting: 120.00 Collar elev: 0.00 FT

Survey: 0.00 to 263.00 True Azm of Hole: 180.00 Dip: -45.00

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 10.00FT

OVERBURDEN: ROTARY DRILLE

From: 10.00FT To: 26.50FT

DACITE MEDIUM GRAY

TEXTURE: SPHERULITIC, APHANITIC, PORPHYRITIC
STRUCTURE: BOTTOM CONTACT DIPPING 090
.3% PYRITE AS
.1% CHALCOPYRITE AS DISSEMINATIONS

*A001	15500	10.0	20.0	10.0	:	480	18	0.2	0.01	1.0	0.01	0.01
*A001	15501	20.0	30.0	10.0	:							

From: 26.50FT To: 141.10FT

*A001	15502	30.0	40.0	10.0	:	222	37	0.1	0.01	1.0	0.01	30
*A001	15503	40.0	50.0	10.0	:	358	46	0.1	0.01	1.0	0.01	25
*A001	15504	50.0	60.0	10.0	:	40	45	0.3	0.01	1.0	0.01	121
*A001	15505	60.0	70.0	10.0	:	1070	51	0.5	0.01	1.0	0.01	41
*A001	15506	70.0	80.0	10.0	:	320	48	0.1	0.01	1.0	0.01	19
*A001	15507	80.0	90.0	10.0	:	580	26	0.6	0.01	1.0	0.01	36
*A001	15508	90.0	100.0	10.0	:	261	22	0.1	0.01	1.0	0.01	29
*A001	15509	100.0	110.0	10.0	:	327	23	0.2	0.01	1.0	0.01	28
*A001	15510	110.0	120.0	10.0	:	270	20	0.3	0.01	1.0	0.01	26
*A001	15511	120.0	130.0	10.0	:	270	21	0.4	0.01	1.0	0.01	39
*A001	15512	130.0	140.0	10.0	:	321	20	0.3	0.01	1.0	0.01	43
*A001	15513	140.0	150.0	10.0	:	66	13	0.1	0.01	1.0	0.01	0.01

PYROXENITE GREENISH BLACK
5% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS SELVAGES
1% CALCITE AS VEINS
3% QUARTZ AS VEINS
1% EPIDOTE AS PATCHES
50% CHLORITE AS PERSVASIVE
2.5% ANKERITE AS MACROVEINS

From: 41.80FT To: 42.20FT

100 % OF THIS SUBINTERVAL IS
DACITE MEDIUM GREEN
TEXTURE: APHANITIC, CHILLED CONT
5% UNIDENTIFIED CARBONATE AS EUHEDRAL

From: 47.60FT To: 51.90FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 FAULT BRECCIA V. DARK BLACK
 STRUCTURE: BOTTOM CONTACT DIPPING 050
 FRAGMENTS OF PYROXENITE IN CHLORITIC MATRIX.

From: 73.90FT To: 74.40FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 TEXTURE: VERY FINE GRAINED
 10% UNIDENTIFIED CARBONATE AS EUHEDRAL

From: 88.50FT To: 89.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE GREENISH GRAY
 TEXTURE: FINE-GRAINED
 STRUCTURE: TOP CONTACT DIPPING 090

From: 89.10FT To: 89.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 TEXTURE: COARSE-GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 090

From: 94.10FT To: 95.30FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GREEN
 TEXTURE: COARSE-GRAINED
 STRUCTURE: BOTTOM CONTACT DIPPING 050

From: 122.40FT To: 123.40FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 TEXTURE: MEDIUM-GRAINED, INEQUIGRANUL
 STRUCTURE: BOTTOM CONTACT DIPPING 090

From: 141.10FT To: 215.00FT

*A001	15514	150.0	160.0	10.0	:	7	10	0.2	0.01	1.0	0.01	0.01
*A001	15515	160.0	170.0	10.0	:	12	15	0.2	0.01	1.0	0.01	0.01
*A001	15516	170.0	180.0	10.0	:	223	22	0.3	0.01	1.0	28	50
*A001	15517	180.0	190.0	10.0	:	246	23	0.5	0.01	1.0	24	45
*A001	15518	190.0	192.3	2.3	:	76	21	0.5	0.01	1.0	37	51
*A001	15519	200.0	210.0	10.0	:	7	12	0.3	0.01	1.0	0.01	0.01
*A001	15286	192.3	200.0	7.7	:	16	13	0.1	0.01	1.0	0.01	0.01
*A001	15520	210.0	215.0	5.0	:	5	12	0.1	0.01	1.0	0.01	0.01

SYENITE DARK GRAY

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE:PORPHYRITIC
STRUCTURE:TOP CONTACT DIPPING 080
.1% PYRITE AS DISSEMINATIONS
1% CALCITE AS VEINS
.3% CALCITE AS MICROVEINS

From: 141.10FT To: 142.10FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE GREENISH GRAY
20% CHLORITE AS PERVASIVE
.3% CALCITE AS MICROVEINS
CHLORITIZED GROUNDMASS. CONTACT PHASE OF SYENITE.

From: 169.20FT To: 189.40FT

100 % OF THIS SUBINTERVAL IS
ANDESITE REDISH BLACK
TEXTURE:VERY FINE GRAINED, PORPHYRITIC
.01% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
5% HEMATITE AS FLOODING
.3% CALCITE AS VEINS
1% CALCITE AS MICROVEINS
CALCITE VEIN 181.3-181.9 FT. BRECCIA VEIN WITH
INCLUSIONS OF ANDESITE.

From: 189.40FT To: 192.50FT

100 % OF THIS SUBINTERVAL IS
INTRUSION BRECCIA REDISH BLACK
5% HEMATITE AS GOUGE
.3% CALCITE AS MICROVEINS

From: 215.00FT To: 263.00FT

*A001	15521	215.0	225.0	10.0	:	162	23	0.2	0.01	1.0	26	64
*A001	15522	225.0	235.0	10.0	:	323	24	0.1	0.01	1.0	43	57
*A001	15523	235.0	245.0	10.0	:	115	24	0.1	0.01	1.0	37	73
*A001	15524	245.0	255.0	10.0	:	246	23	0.1	0.01	1.0	21	39
*A001	15525	255.0	263.0	8.0	:	208	27	0.4	0.01	1.0	0.01	35

HORNFELS V.DARK BLACK
.01% PYRITE AS DISSEMINATIONS
10% MAGNETITE AS DISSEMINATIONS
2.5% HEMATITE AS FLOODING
.3% CALCITE AS MICROVEINS
80% CHLORITE AS FLOODING
2.5% ANKERITE AS MICROVEINS
2.5% CALCITE AS VEINS

From: 220.50FT To: 220.60FT

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-29 ****

page 4

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GREEN

From: 221.30FT To: 221.70FT

100 % OF THIS SUBINTERVAL IS
ANDESITE V.DARK BLACK
TEXTURE:VERY FINE GRAINED, PORPHYRITIC

End of Hole END OF HOLE AT 263.0 FT.

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-30 ****

Property: PLATINUM BLONDE

GRID LRG-Z

Logged by: JRR Date: 03DEC86

Total Depth of Hole: 280.00 FT

True Collar Azm of Hole: 270.00 Collar Dip: -45.00

Northing: 0.00 Easting: -75.00 Collar elev: 0.00 FT

Survey: 0.00 to 280.00 True Azm of Hole: 270.00 Dip: -45.00
 *A001 Samp From To

Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 15.00FT

OVERBURDEN: ROTARY DRILLE

From: 15.00FT To: 22.20FT

*A001	16242	15.0	21.0	6.0	:	268	23	0.3	0.01	1.0	0.01	0.01
*A001	16243	21.0	31.0	10.0	:	258	15	0.3	0.01	6	0.01	0.01

ANDESITE REDISH BLACK

TEXTURE: VERY FINE GRAINED, PORPHYRITIC
 STRUCTURE: BOTTOM CONTACT DIPPING 135
 1% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 2.5% CALCITE AS VEINS
 1% CALCITE AS MICROVEINS

From: 22.20FT To: 280.00FT

*A001	16244	31.0	33.9	2.9	:	345	18	0.8	0.01	10	0.01	14
*A001	15287	33.9	41.0	7.1	:	196	12	0.2	0.01	1.0	0.01	0.01
*A001	16245	41.0	44.5	3.5	:	169	9	0.4	0.01	1.0	0.01	0.01
*A001	16246	44.5	54.2	9.7	:	278	21	0.5	0.01	1.0	0.01	0.12
*A001	16247	54.2	64.0	9.8	:	67	9	0.3	0.01	1.0	0.01	0.01
*A001	16248	64.0	68.1	4.1	:	72	10	0.2	0.01	1.0	0.01	0.01
*A001	16249	68.1	72.7	4.6	:	409	5	0.3	0.01	1.0	0.01	0.01
*A001	16250	72.7	83.0	10.3	:	67	10	0.1	0.01	1.0	0.01	0.01
*A001	16251	83.0	93.0	10.0	:	67	10	0.1	0.01	1.0	0.01	0.01
*A001	16252	93.0	103.0	10.0	:	105	9	0.1	0.01	1.0	0.01	0.01
*A001	16253	103.0	113.0	10.0	:	148	8	0.2	0.01	1.0	0.01	0.01
*A001	16254	113.0	117.0	4.0	:	201	9	0.2	0.01	1.0	0.01	0.01
*A001	16255	117.0	122.1	5.1	:	265	8	0.2	0.01	1.0	0.01	0.01
*A001	16256	122.1	124.9	2.8	:	1000	10	0.0	0.01	1.0	0.01	0.01
*A001	16257	124.9	135.0	10.1	:	410	7	0.4	0.01	1.0	0.01	0.01
*A001	15288	135.0	143.5	8.5	:	405	8	0.3	0.01	1.0	0.01	0.01
*A001	16258	143.5	149.8	6.3	:	179	19	0.2	0.01	1.0	0.01	0.01
*A001	16259	149.8	155.5	5.7	:	256	13	0.3	0.01	1.0	0.01	0.01
*A001	16260	155.5	164.0	8.5	:	116	10	0.2	0.01	1.0	0.01	0.01
*A001	16261	164.0	174.0	10.0	:	133	10	0.2	0.01	1.0	0.01	0.01
*A001	16262	174.0	184.0	10.0	:	113	9	0.1	0.01	1.0	0.01	0.01
*A001	16263	184.0	194.0	10.0	:	238	7	0.5	0.01	1.0	0.01	0.01
*A001	16264	194.0	198.2	4.2	:	227	8	0.5	0.01	1.0	0.01	0.01
*A001	16265	198.2	202.0	3.8	:	159	8	0.3	0.01	1.0	0.01	0.01
*A001	16266	202.0	212.0	10.0	:	300	8	0.4	0.01	1.0	0.01	0.01
*A001	16267	212.0	217.9	5.9	:	75	11	0.2	0.01	1.0	0.01	0.01
*A001	16268	217.9	228.0	10.1	:	77	11	0.1	0.01	1.0	0.01	0.01
*A001	16269	228.0	238.0	10.0	:	46	9	0.2	0.01	1.0	0.01	0.01

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**** Drillhole: DDH-30 ****

page 2

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*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	16270	238.0	248.0	10.0	213	11	0.1	0.01	1.0	0.01	0.01
*A001	16271	248.0	250.2	2.2	86	8	0.1	0.01	1.0	0.01	0.01
*A001	16272	250.2	260.0	9.8	103	7	0.1	0.01	1.0	0.01	0.01
*A001	16273	260.0	270.0	10.0	120	6	0.1	0.01	1.0	0.01	0.01
*A001	16274	270.0	280.0	10.0	81	8	0.1	0.01	1.0	0.01	0.01

SYENITE, VAR. SHONKINITE REDISH GRAY
 TEXTURE:MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS

2.5% HEMATITE AS
 1% CALCITE AS VEINS
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS

STRONGLY OXIDIZED ALONG FRACTURE SETS AT 1-2 FT.
 INTERVALS.

From: 41.20FT To: 42.80FT

100 % OF THIS SUBINTERVAL IS
 SYENITE REDISH GRAY
 TEXTURE:PEGMATITIC

From: 44.10FT To: 54.40FT

100 % OF THIS SUBINTERVAL IS
 ANDESITE V.DARK BLACK
 TEXTURE:VERY FINE GRAINED, PORPHYRITIC
 1% HEMATITE AS FLOODING
 2.5% CALCITE AS BRECCIA FILLINGS
 1% HEMATITE AS MICROVEINS
 1% CALCITE AS MICROVEINS

From: 62.00FT To: 64.20FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE
 TEXTURE:MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 1% CALCITE AS VEINS
 % UNIDENTIFIED CARBONATE AS

From: 63.50FT To: 72.80FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA GRAYISH RED
 TEXTURE:MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 10% HEMATITE AS FLOODING
 1% CALCITE AS VEINS
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS

From: 91.60FT To: 93.20FT

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 1% CALCITE AS VEINS
 % UNIDENTIFIED CARBONATE AS

From: 117.30FT To: 125.40FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA GRAYISH RED
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 5% HEMATITE AS FLOODING
 1% CALCITE AS VEINS
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS

From: 125.40FT To: 142.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE INTRUSION BRECCIA DARK RED
 10% HEMATITE AS FLOODING
 .01% CALCITE AS MICROVEINS
 .3% CALCITE AS MICROVEINS

From: 142.50FT To: 143.40FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS FLOODING
 1% CALCITE AS VEINS
 % UNIDENTIFIED CARBONATE AS

From: 143.40FT To: 148.20FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE REDISH BLACK
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 5% MAGNETITE AS DISSEMINATIONS
 10% HEMATITE AS FLOODING
 1% CALCITE AS MICROVEINS
 5% UNIDENTIFIED CARBONATE AS EUHEDRAL
 1% CALCITE AS VEINS

From: 149.70FT To: 151.40FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA DARK RED

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE:MEDIUM-GRAINED, CHILLED CONT
5% MAGNETITE AS DISSEMINATIONS
10% HEMATITE AS FLOODING
1% CALCITE AS VEINS
1% UNIDENTIFIED CARBONATE AS EUHEDRAL
.3% CALCITE AS MICROVEINS
HEMATIZED MATRIX.

From: 149.70FT To: 155.30FT

100 % OF THIS SUBINTERVAL IS
HORNFELS V.DARK BLACK
STRUCTURE:BOTTOM CONTACT DIPPING 120
.3% CALCITE AS MICROVEINS
.3% CALCITE AS MICROVEINS

From: 155.30FT To: 160.30FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE DARK RED
TEXTURE:MEDIUM-GRAINED, CHILLED CONT
5% MAGNETITE AS FLOODING
2.5% HEMATITE AS
1% CALCITE AS VEINS
1% UNIDENTIFIED CARBONATE AS EUHEDRAL
.3% CALCITE AS MICROVEINS

From: 169.70FT To: 204.00FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE DARK RED
TEXTURE:MEDIUM-GRAINED, CHILLED CONT
5% MAGNETITE AS FLOODING
2.5% HEMATITE AS
1% CALCITE AS VEINS
1% UNIDENTIFIED CARBONATE AS EUHEDRAL
.3% CALCITE AS MICROVEINS

From: 221.00FT To: 222.30FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE DARK RED
TEXTURE:MEDIUM-GRAINED, CHILLED CONT
10% MAGNETITE AS FLOODING
2.5% HEMATITE AS
1% CALCITE AS VEINS
1% UNIDENTIFIED CARBONATE AS EUHEDRAL
.3% CALCITE AS MICROVEINS

From: 238.80FT To: 240.90FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE V.DARK RED

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 10% MAGNETITE AS
 2.5% HEMATITE AS
 1% CALCITE AS VEINS
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS

From: 250.60FT To: 261.20FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA GRAYISH MAUVE
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT.
 2.5% MAGNETITE AS BRECCIA FILLINGS
 2.5% HEMATITE AS
 1% CALCITE AS VEINS
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS
 STRONG MAROON HEMATITIC MATRIX.

From: 261.20FT To: 262.10FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE MEDIUM GREEN
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 2.5% MAGNETITE AS MICROVEINS
 2.5% HEMATITE AS
 1% CALCITE AS VEINS
 70% CLAY AS PERVASIVE
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 2.5% MAGNETITE AS VEINS
 .3% CALCITE AS MICROVEINS
 STRONG GREEN HYDROTHERMAL? ARGILLIZATION.

From: 262.10FT To: 265.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE YELLOWISH BROWN
 TEXTURE: MEDIUM-GRAINED, CHILLED CONT
 2% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS
 1% CALCITE AS VEINS
 10% LIMONITE AS FLOODING
 10% CLAY AS PERVASIVE
 1% UNIDENTIFIED CARBONATE AS EUHEDRAL
 .3% CALCITE AS MICROVEINS
 STRONGLY LIMONITIZED, LEACHED, AND WEATHERED.
 WATERCOURSE.
 END OF HOLE AT 280.0 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-31 ****

page 1

Property: PLATINUM BLONDE GRID LRG-Z

Logged by: JRR Date: 03DEC86

Total Depth of Hole: 87.00 FT

True Collar Azm of Hole: 0.00 Collar Dip: -45.00

Northing: 0.00 Easting: -75.00 Collar elev: 0.00 FT

Survey: 0.00 to 87.00 True Azm of Hole: 0.00 Dip: -45.00
*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

From: 0.00FT To: 12.00FT

OVERBURDEN: ROTARY DRILLE

From: 12.00FT To: 25.50FT

ANDESITE V. DARK BLACK
TEXTURE: VERY FINE GRAINED, PORPHYRITIC
5% MAGNETITE AS DISSEMINATIONS
5% HEMATITE AS
2.5% CALCITE AS VEINS
2.5% UNIDENTIFIED CARBONATE AS EUBEDRAL
1% CALCITE AS MICROVEINS
SHEARED AND BRECCIATED 21-25.5 FT.

From: 13.00FT To: 15.60FT

100% OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
2.5% CALCITE AS MICROVEINS
1% CALCITE AS MICROVEINS

From: 25.50FT To: 31.10FT

SYENITE, VAR. SHONKINITE REDISH BLACK
5% MAGNETITE AS DISSEMINATIONS
5% HEMATITE AS
2.5% CALCITE AS
5% CALCITE AS BRECCIA FILLINGS

From: 31.10FT To: 31.90FT

SYENITE
TEXTURE: MEDIUM-GRAINED
STRUCTURE: BOTTOM CONTACT DIPPING 095

From: 31.90FT To: 57.00FT

PYROXENITE V. DARK BLACK
5% MAGNETITE AS DISSEMINATIONS
2.5% HEMATITE AS
2.5% CALCITE AS VEINS
70% CHLORITE AS

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 42.70FT To: 57.00FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA REDISH BLACK
 2.5% HEMATITE AS BRECCIA FILLINGS
 5% CALCITE AS VEINS
 3% HEMATITE AS STAINIGS

5% CALCITE AS BRECCIA FILLINGS
 DOMINANTLY PYROXENITE BUT INCLUDING FRAGMENTS OF
 SYENITE UP TO .2 FT ACROSS AND SHONKINITE UP TO 1.FT

From: 57.00FT To: 87.00FT

SYENITE, VAR. SHONKINITE DARK GRAY
 1% HEMATITE AS
 1% CALCITE AS VEINS
 BOXWORKS AFTER CALCITE? AT 61.2 FT.

From: 61.30FT To: 63.30FT

100 % OF THIS SUBINTERVAL IS
 INTRUSION BRECCIA REDISH GRAY
 2.5% CALCITE AS BRECCIA FILLINGS
 SYENITE AND SHONKINITE FRAGMENTS.

From: 63.30FT To: 78.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE DARK GRAY
 TEXTURE: FINE-GRAINED, EQUIGRANULAR
 1% HEMATITE AS
 1% CALCITE AS VEINS
 10% CHLORITE AS PERVASIVE
 SPORADIC PATCHES OF GREEN HYDROTHERMAL ARGILLIC
 ALTERATION TO 74.6 FT.

From: 74.60FT To: 78.00FT

100 % OF THIS SUBINTERVAL IS
 SYENITE, VAR. SHONKINITE LIGHT GREEN
 1% HEMATITE AS
 1% CALCITE AS VEINS
 20% SILICA AS FLOODING
 30% CHLORITE AS PERVASIVE
 ROCK IS STILL HARD ALTHOUGH ALTERATION HAS DESTROYED
 TEXTURE. END OF HOLE AT 87.0 FT.

End of Hole

PLACER DEVELOPMENT LIMITED

**** Drillhole: DDH-31A ****

page 1

Property: PLATINUM BLONDE

GRID LRG-Z

Logged by: JRR Date: 09DEC86

Total Depth of Hole: 177.00 FT

True Collar Azm of Hole: 0.00 Collar Dip: -45.00

Northing: 0.00

Easting: -75.00

Collar elev: 0.00 FT

Survey:

0.00 to 177.00 True Azm of Hole: 0.00 Dip: -45.00

*A001

Samp

From

To

Intrvl:

PPM CU

PPM NI

PPM AG

PPM AU

PPM AS

PPB PT

PPB PD

From: 0.00FT To: 10.00FT

OVERBURDEN: ROTARY DRILLE

From: 10.00FT To: 29.40FT

*A001	16412	10.0	11.5	1.5	:	580	41	0.3	0.01	1.0	0.01	31
*A001	16413	11.5	14.4	2.9	:	89	9	0.1	0.01	1.0	0.01	0.01
*A001	16414	14.4	25.0	10.6	:	550	21	0.2	0.01	1.0	0.01	50
*A001	16415	25.0	30.4	5.4	:	600	26	0.5	0.01	1.0	0.01	34

ANDESITE V. DARK BLACK
 TEXTURE: VERY FINE GRAINED, PORPHYRITIC
 5% MAGNETITE AS DISSEMINATIONS
 2.5% HEMATITE AS
 5% CALCITE AS
 CRACKLE-BRECCIATED THROUGHOUT.

From: 11.50FT To: 14.40FT

100 % OF THIS SUBINTERVAL IS
 SYENITE V. DARK BLACK
 STRUCTURE: TOP CONTACT DIPPING 095
 .1% PYRITE AS DISSEMINATIONS
 .3% CALCITE AS MICROVEINS

From: 29.40FT To: 33.30FT

*A001	16416	30.4	33.2	2.8	:	140	17	0.2	0.01	1.6	0.01	0.01
*A001	16417	33.2	43.0	9.8	:	222	51	0.1	0.01	1.0	0.01	25

FAULT BRECCIA
 .3% PYRITE AS DISSEMINATIONS
 2.5% HEMATITE AS PERSVASIVE
 5% CALCITE AS

From: 33.30FT To: 53.70FT

*A001	16418	43.0	50.8	7.8	:	238	40	0.1	0.01	1.0	0.01	29
*A001	16419	50.8	53.7	2.9	:	151	34	0.1	0.01	12	0.01	0.01

INTRUSION BRECCIA REDISH BLACK
 .3% PYRITE AS DISSEMINATIONS
 1% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS VEINS
 5% CALCITE AS
 2.5% LIMONITE AS

SULFIDE-RICH INTERVALS AT 39.1-39.6 AND 50.4 FT. ARE

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

OXIDIZED TO LIMONITE AND HAVE LEACHED THE ROCK.
BRECCIA INCLUDES CLINOPYROXENITE, SYENITE, ANDESITE,
AND SHONKINITE.

From: 50.80FT To: 53.30FT

100 % OF THIS SUBINTERVAL IS

INTRUSION BRECCIA
1% PYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
.3% HEMATITE AS VEINS
5% CALCITE AS
% LIMONITE AS

From: 53.70FT To: 65.80FT

*A001 16420 53.7 60.0 6.3 : 274 33 0.2 0.01 1.0 0.01 0.01
*A001 16421 60.0 70.0 10.0 : 150 21 0.1 0.01 1.0 0.01 0.01
SYENITE, VAR. SHONKINITE DARK BLACK
TEXTURE: SUB-OPHITIC
.3% PYRITE AS DISSEMINATIONS
.3% HEMATITE AS
1% CALCITE AS
1% LIMONITE AS

From: 65.80FT To: 109.60FT

*A001 16412 70.0 80.0 10.0 : 580 41 0.3 0.01 1.0 0.01 31
*A001 16423 80.0 90.0 10.0 : 30 11 0.2 0.01 3 0.01 0.01
*A001 16424 90.0 100.0 10.0 : 16 9 0.1 0.01 1.0 0.01 0.01
*A001 16425 100.0 110.0 10.0 : 20 11 0.1 0.01 3 0.01 0.01
AUGITE SYENITE REDISH GREEN
TEXTURE: EQUIGRANULAR, PORPHYRITIC
2.5% CHLORITE AS PERVASIVE
2-4 MM EUHEDRAL K-SPAR PHENOCRYSTS. SPARSE
1-1.5 CM EUHEDRAL K-SPAR PHENOCRYSTS. PATCHES
OF PERVASIVE CHLORITIC ALTERATION.

From: 74.10FT To: 109.60FT

100 % OF THIS SUBINTERVAL IS
AUGITE SYENITE GREENISH RED
TEXTURE: EQUIGRANULAR, PORPHYRITIC
.01% PYRITE AS DISSEMINATIONS
.5% HEMATITE AS
5% QUARTZ AS AUGEN
30% CHLORITE AS PERVASIVE
2.5% SILICA AS
HEMATITE STAINING INTERMITTENT, IGNEOUS TEXTURE
TOTALLY DESTROYED IN INTERVALS OF STRONGEST
ALTERATION.

*A001 Samp From To Intrvl: PPM CU PPM NI PPM AG PPM AU PPM AS PPB PT PPB PD

--continue--

From: 109.60FT To: 125.50FT

*A001	16426	110.0	119.6	9.6	:	220	48	0.2	0.01	1.0	0.01	0.01
*A001	16427	119.6	122.8	3.2	:	88	12	0.2	0.01	10	0.01	0.01
*A001	16428	122.8	130.0	7.2	:	182	53	0.4	0.01	8	0.01	11

PYROXENITE V. DARK GRAY
TEXTURE: EQUIGRANULAR
2-4 MM GRAINS.

From: 113.00FT To: 114.90FT

100 % OF THIS SUBINTERVAL IS
SYENITE, VAR. SHONKINITE REDISH BLACK
.03% HEMATITE AS

"POTASH FELDSPAR" APPARENTLY INTRODUCED MAY BE
PLAGIOCLASE STAINED BY HEMATITE.

From: 114.90FT To: 115.10FT

100 % OF THIS SUBINTERVAL IS
SYENITE MEDIUM GRAY
.3% CALCITE AS MICROVEINS

From: 115.10FT To: 118.90FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE
TEXTURE: EQUIGRANULAR
1% HEMATITE AS CLASTS
1% CALCITE AS VEINS

From: 118.90FT To: 122.20FT

100 % OF THIS SUBINTERVAL IS
SYENITE REDISH GRAY
STRUCTURE: TOP CONTACT DIPPING 090
0% CALCITE AS VEINS
CUT BY YOUNGER, DARK RED-BROWN SYENITE DIKE.

From: 122.20FT To: 125.50FT

100 % OF THIS SUBINTERVAL IS
PYROXENITE V. DARK GRAY
TEXTURE: EQUIGRANULAR
.3% PYRITE AS DISSEMINATIONS
1% MAGNETITE AS DISSEMINATIONS
5% CALCITE AS
.3% PYRITE AS BLEBS

From: 125.50FT To: 177.00FT

--continue--

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	16429	130.0	140.0	10.0	131	38	0.1	0.01	2	0.01	16
*A001	16430	140.0	150.0	10.0	95	36	0.2	0.01	1.0	0.01	0.01
*A001	16431	150.0	160.0	10.0	182	38	0.2	0.01	1.0	0.01	0.01
*A001	16432	160.0	170.0	10.0	306	31	0.2	0.01	1.0	0.01	0.01
*A001	16433	170.0	177.0	7.0	100	30	0.1	0.01	1.0	0.01	0.01

SYENITE, VAR. SHONKINITE REDISH BLACK
 .03% PYRITE AS MICROVEINS
 .3% MAGNETITE AS DISSEMINATIONS
 .3% HEMATITE AS STAINIGS
 1% CALCITE AS
 .3% HEMATITE AS MICROVEINS
 CUT BY SEVERAL SYENITE DIKES EXHIBITING LOCAL POTASH
 METASOMATISM AND RECRYSTALLIZATION OF PYROXENES IN
 THE ADJACENT SHONKINITE.

From: 151.50FT To: 152.50FT

100 % OF THIS SUBINTERVAL IS
 SYENITE MEDIUM GRAY
 STRUCTURE: TOP CONTACT DIPPING 095
 NO METASOMATIC HALO, BRECCIATED.
 END OF HOLE 177.0 FT.
 RECOVERY GOOD.

End of Hole

