



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 PPMU 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	0.01				100
*A001	16350	17.5	21.0	3.5	:	2420	25	1.7	0.03	1.0	0.01	0.01				162
*A001	26902	21.0	22.5	1.5	:	159	24	0.7	0.01	26	0.01	0.01				0.01
*A001	16351	22.4	32.0	9.6	:	147	32	0.2	0.01	5	0.01	0.01				0.01
*A001	16352	32.0	34.2	2.2	:	183	26	0.2	0.01	12	0.01	0.01				0.01
*A001	16353	34.2	37.8	3.6	:	82	23	0.4	0.01	1.0	0.01	0.01				0.01
*A001	16354	37.8	48.0	10.2	:	78	22	0.1	0.01	1.0	0.01	0.01				0.01
*A001	16355	48.0	52.0	4.0	:	252	24	0.4	0.01	2	0.01	0.01				0.01
*A001	26903	59.0	65.0	6.0	:	1880	50	1.0	0.01	2	0.01	0.01				19
*A001	16356	64.8	75.0	10.2	:	235	15	0.2	0.01	1.0	0.01	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

--continue--

.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 PPMAU PPMAS PPBPT PPBPD

--continue--

.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  
 .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

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

*A001	16384	1.0	9.4	8.4	:	108	14	0.1	0.01	1.0	0.01	0.01
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From: 1.80FT To: 85.60FT

*A001	26904	10.0	16.5	6.5	:	3370	24	2.6	0.02	4	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	4	0.01	17
*A001	26905	48.5	53.5	5.0	:	450	36	0.1	0.02	3	0.01	18
*A001	16388	53.9	59.5	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	6	0.01	13
*A001	26562	66.0	71.0	5.0	:	700	34	0.3	0.01	1.0	0.01	12
*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	22
*A001	26565	80.0	86.0	6.0	:	1200	26	0.8	0.08	7	0.01	29

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 PERSIVIVE  
 .3% LIMONITE AS ENCRUSTATIONS  
 .3% PYRITE AS DISSEMINATIONS  
 APHANITIC BASALT CUT BY SYENITE AND KSPAR VEINS WITH  
 LOCAL PERSIVIVE 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

PLACER DEVELOPMENT LIMITED

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

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*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	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

AUTONE-PUKI

PLACER DEVELOPMENT LIMITED

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

page 1

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  
SYENITE REDISH GRAY FRAGMENTS; MAY BE OVERBURDEN BLOCKS.

From: 12.50FT To: 112.00FT

Samp	From	To	CU	NI	AG	AU	AS	PT	PD
*A001 26627	16.0	17.2	74	17	0.1	0.01	1.0	0.01	0.01
*A001 16276	17.2	23.3	366	17	0.2	0.01	5	0.01	0.01
*A001 16277	23.3	37.8	560	19	1.2	0.01	9	0.01	0.01
*A001 16278	37.8	42.7	1230	23	4.4	0.01	1.0	0.01	0.01
*A001 26629	42.7	47.0	400	22	0.1	0.01	1.0	0.01	0.01
*A001 26630	47.0	49.3	350	22	0.2	0.01	1.0	0.01	0.01
*A001 16279	49.3	52.0	78	9	0.2	0.01	1.0	0.01	0.01
*A001 16280	52.0	59.0	181	16	0.1	0.01	1.0	0.01	0.01
*A001 16281	59.0	63.0	167	16	0.2	0.01	1.0	0.01	0.01
*A001 16282	63.0	69.0	286	15	0.4	0.01	1.0	0.01	0.01
*A001 20127	69.0	73.0	580	17	0.1	0.01	1.0	0.01	0.01
*A001 20128	73.0	79.0	590	14	0.2	0.01	1.0	0.01	0.01
*A001 16283	79.0	82.0	660	12	0.4	0.01	1.0	0.01	0.01
*A001 16284	82.0	89.4	245	22	0.2	0.01	1.0	0.01	0.01
*A001 16285	89.4	92.0	306	23	0.2	0.01	1.0	0.01	0.01
*A001 16286	92.0	98.0	145	17	0.2	0.01	1.0	0.01	0.01
*A001 16287	98.0	107.0	688	22	0.1	0.01	1.0	0.01	0.01
*A001 20134	107.0	107.0	200	37	0.1	0.01	1.0	0.01	0.01
*A001 26628	109.0	112.0	1490	38	2.2	0.02	1.0	0.01	13

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 PERSIVIVE

.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

--continue--

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

--continue--

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 \*\*\*\*

page 1

Property: PLATINUM BLONDE GRID LRG-1

Logged by: RHP Date: 11DEC66

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

OVERBURDEN: ROTARY DRILLE

From: 19.00FT To: 211.00FT

*A001	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*A001	16465	18.0	28.0	10.0	430	16	0.8	0.01	2	0.01	0.01
*A001	16466	28.0	38.0	10.0	285	18	0.1	0.01	1.0	0.01	0.01
*A001	16467	38.0	48.0	10.0	410	16	0.2	0.01	1.0	0.01	0.01
*A001	16468	48.0	53.4	5.4	274	16	0.7	0.01	1.0	0.01	0.01
*A001	20133	54.0	56.0	2.0	226	17	1.0	0.99	1.0	0.01	55
*A001	16469	55.7	65.0	9.3	152	20	0.4	0.01	1.0	0.01	0.01
*A001	16470	65.0	75.0	10.0	395	17	1.0	0.01	1.0	0.01	0.01
*A001	16471	75.0	86.1	11.1	368	19	0.6	0.01	3	0.01	0.01
*A001	26907	80.0	80.5	.5	210	17	0.1	0.01	1.0	0.01	0.01
*A001	16472	86.1	89.6	3.5	220	21	0.5	0.01	1.0	0.01	10
*A001	26906	88.0	88.5	.5	1350	22	0.9	0.01	1.0	0.01	0.01
*A001	16473	89.6	100.0	10.4	390	18	0.7	0.01	1.0	0.01	0.01
*A001	16474	100.0	107.2	7.2	322	14	1.0	0.01	5	0.01	0.01
*A001	20129	107.0	114.0	7.0	750	14	1.3	0.01	6	0.01	0.01
*A001	16475	114.0	115.6	1.6	560	14	0.3	0.01	1.0	0.01	0.01
*A001	26632	115.0	120.0	5.0	680	22	0.7	0.01	8	0.01	0.01
*A001	16477	126.9	137.0	10.1	500	34	1.1	0.01	1.0	0.01	14
*A001	16478	137.0	147.0	10.0	182	34	0.1	0.01	1.0	0.01	0.01
*A001	16479	147.0	158.1	11.1	162	27	0.2	0.01	1.0	0.01	0.01
*A001	26631	158.0	161.0	3.0	373	31	0.1	0.01	1.0	0.01	17
*A001	16480	160.9	170.0	9.1	112	38	0.1	0.01	1.0	0.01	0.01
*A001	16481	170.0	180.0	10.0	145	30	0.5	0.01	1.0	0.01	0.01
*A001	16482	180.0	190.0	10.0	241	39	0.2	0.01	1.0	0.01	0.01
*A001	16483	190.0	207.0	17.0	89	30	0.1	0.01	8	0.01	0.01
*A001	16484	200.0	211.0	11.0	103	31	0.5	0.01	4	0.01	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

PLACER DEVELOPMENT LIMITED

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

page 2

\*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 \*\*\*\*

page 1

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

\*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 PERSASIVE

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 PERSASIVE  
 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 \*\*\*\*

page 1

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	0.0	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	0.01
*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	0.01	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	79.0	9.0	200	14	0.0	0.01	1.0	0.01	0.01
*A001	20130	79.0	85.0	6.0	580	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	103.0	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	88	17	0.0	0.01	1.0	0.01	0.01
*A001	16497	117.8	122.1	4.3	95	15	0.0	0.01	1.0	0.01	0.01
*A001	20131	122.0	129.0	7.0	1480	14	1.0	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	82	14	0.0	0.01	1.0	0.01	0.01
*A001	16727	170.0	180.0	10.0	27	12	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	206.3	213.0	6.7	213	11	0.0	0.01	1.0	0.01	0.01
*A001	20132	226.0	231.0	5.0	38	13	0.0	0.01	1.0	0.01	0.01
*A001	16732	230.7	240.0	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	85	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

\*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 048  
 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

PLACER DEVELOPMENT LIMITED

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

page 3

\*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

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\*\*\*\* 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 AT 249 FT.  
End of Hole

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	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB 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	0.3	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	1.0	1.46	1.0	0.01	0.12
*A001 15562	40.0	50.0	10.0	117	17	0.0	0.01	1.0	0.01	0.01
*A001 26641	52.5	57.0	4.5	1650	11	1.0	25.9	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	0.5	0.01	1.0	0.01	0.01
*A001 15563	60.0	70.0	10.0	80	13	0.2	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	84.0	4.0	210	12	0.2	0.01	1.0	0.01	0.01
*A001 26639	84.0	88.0	4.0	61	6	0.3	0.01	1.0	0.01	0.01
*A001 15566	85.4	96.0	10.6	106	10	0.4	0.01	1.0	0.01	0.01
*A001 15567	96.0	101.8	5.8	55	10	0.3	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 PERVASIVE  
 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% QUARTZ 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



PLACER DEVELOPMENT LIMITED

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

\*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	0.10
*A001	15572	128.3	139.0	10.7	:	22	11	0.8	0.21	1.0	0.01	0.01
*A001	15573	139.0	150.0	11.0	:	27	10	1.4	0.24	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	19	0.2	0.05	1.0	0.01	0.01
*A001	26637	179.0	184.9	5.9	:	22	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 MATRIX.

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

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

page 4

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD	
--continue--												
*A001	15581	215.0	218.0	3.0	60	18	0.4	0.01	20	0.01	0.01	
*A001	15582	218.0	228.0	10.0	123	80	0.8	0.01	4	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	0.01	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 PERSVASIVE  
 .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 PERSVASIVE  
 40% CHLORITE AS PERSVASIVE

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

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\*\*\*\* 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 STAINIGS  
.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 AT 278.00 FEET

End of Hole

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

Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB	PT	PPB PD
*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	0.4	0.01	1	0.01		0.01
*A001 26635	22.0	29.0	7.0	520	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	136	12	0.1	0.01	1	0.01		0.01
*A001 16459	50.0	60.0	10.0	83	9	0.1	0.01	1	0.01		0.01
*A001 16460	60.0	70.0	10.0	78	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	32	12	0.1	0.01	1	0.01		0.01
*A001 26636	80.4	85.2	4.8	87	11	0.4	0.01	1	0.01		0.01
*A001 16463	85.2	89.5	4.3	87	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 PERSIVIVE  
 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

PLACER DEVELOPMENT LIMITED

\*\*\*\* Drillhole: DDH-09 \*\*\*\*

Property: PLATINUM BLONDE GRID LRG-1

Logged by: JRR Date: 12DEC86

Total Depth of Hole: 354.00 FT

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

Northing: 360.00 Easting: 150.00 Collar elev: 0.00 FT

Survey: 0.00 to 354.00 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: 2.80FT

OVERBURDEN: ROTARY DRILLE

From: 2.80FT To: 336.00FT

*A001	162888	2	8	8	1	5	95	9	1	0	0	1	0	0	0	0	0
*A001	162890	18	8	18	0	9	143	7	1	0	0	1	0	0	0	0	0
*A001	162901	1	0	20	0	5	115	8	1	0	0	1	0	0	0	0	0
*A001	162911	3	0	30	0	0	84	2	1	0	0	1	0	0	0	0	0
*A001	162922	3	0	36	0	4	84	3	1	0	0	1	0	0	0	0	0
*A001	162933	3	0	38	0	4	45	1	1	0	0	1	0	0	0	0	0
*A001	162944	3	0	49	0	0	118	1	1	0	0	1	0	0	0	0	0
*A001	162955	4	0	60	0	0	96	1	1	0	0	1	0	0	0	0	0
*A001	162966	7	0	70	0	0	73	1	1	0	0	1	0	0	0	0	0
*A001	162977	7	0	80	0	0	283	1	1	0	0	1	0	0	0	0	0
*A001	162988	8	0	86	0	5	70	1	1	0	0	1	0	0	0	0	0
*A001	26642	9	0	92	0	3	204	1	1	0	0	1	0	0	0	0	0
*A001	162999	10	0	100	0	0	104	1	1	0	0	1	0	0	0	0	0
*A001	163000	11	0	110	0	0	151	1	1	0	0	1	0	0	0	0	0
*A001	163011	11	0	120	0	0	137	1	1	0	0	1	0	0	0	0	0
*A001	163022	12	0	130	0	0	231	1	1	0	0	1	0	0	0	0	0
*A001	163033	13	0	140	0	0	292	1	1	0	0	1	0	0	0	0	0
*A001	163044	14	0	150	0	0	114	1	1	0	0	1	0	0	0	0	0
*A001	163055	15	0	153	0	6	103	1	1	0	0	1	0	0	0	0	0
*A001	163066	15	0	155	0	0	800	1	1	0	0	1	0	0	0	0	0
*A001	163077	15	0	165	0	0	337	1	1	0	0	1	0	0	0	0	0
*A001	163088	16	0	175	0	0	130	1	1	0	0	1	0	0	0	0	0
*A001	163099	17	0	185	0	0	106	1	1	0	0	1	0	0	0	0	0
*A001	163100	18	0	195	0	0	143	1	1	0	0	1	0	0	0	0	0
*A001	163111	18	0	205	0	0	86	1	1	0	0	1	0	0	0	0	0
*A001	163122	20	0	215	0	0	135	1	1	0	0	1	0	0	0	0	0
*A001	163133	22	0	225	0	0	86	1	1	0	0	1	0	0	0	0	0
*A001	163144	22	0	235	0	0	125	1	1	0	0	1	0	0	0	0	0
*A001	163155	23	0	243	0	0	252	1	1	0	0	1	0	0	0	0	0
*A001	163166	24	0	245	0	4	62	1	1	0	0	1	0	0	0	0	0
*A001	26643	24	0	243	0	9	86	1	1	0	0	1	0	0	0	0	0
*A001	26644	24	0	250	0	0	73	1	1	0	0	1	0	0	0	0	0
*A001	163177	25	0	260	0	0	136	1	1	0	0	1	0	0	0	0	0
*A001	163188	26	0	270	0	0	106	1	1	0	0	1	0	0	0	0	0
*A001	163199	27	0	280	0	0	87	1	1	0	0	1	0	0	0	0	0
*A001	163200	28	0	290	0	0	40	1	1	0	0	1	0	0	0	0	0
*A001	163211	29	0	300	0	0	114	1	1	0	0	1	0	0	0	0	0
*A001	163222	30	0	310	0	0	192	1	1	0	0	1	0	0	0	0	0
*A001	163233	31	0	320	0	0	209	1	1	0	0	1	0	0	0	0	0
*A001	163244	32	0	329	0	5	171	1	1	0	0	1	0	0	0	0	0
*A001	26645	33	0	337	0	0	920	1	1	0	0	1	0	0	0	0	0

PLACER DEVELOPMENT LIMITED

\*\*\*\* Drillhole: DDH-09 \*\*\*\*

page 2

\*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  
0.1% 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 PERVASIVE  
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 PERVASIVE  
5% POTASH FELDSPAR AS



PLACER DEVELOPMENT LIMITED

\*\*\*\* Drillhole: DDH-09 \*\*\*\*

page 3

\*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  
X CHLORITE AS

From: 272.50FT To: 302.00FT

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

PLACER DEVELOPMENT LIMITED

\*\*\*\* Drillhole: DDH-09 \*\*\*\*

page 4

\*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  
 2% 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 DRILLE

From: 3.00FT To: 158.80FT

Depth (FT)	Sample ID	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
3.00	*A001 16434	3.0	10.3	7.3	110	15	0.4	0.01
4.00	*A001 16435	10.3	10.3	7.3	257	23	1.4	0.01
5.00	*A001 16436	10.3	10.3	7.3	128	13	0.3	0.01
6.00	*A001 16437	28.0	31.0	3.0	81	13	0.2	0.01
7.00	*A001 16438	30.8	36.6	5.8	141	12	0.4	0.01
8.00	*A001 16439	37.0	40.0	3.0	309	9	1.6	0.01
9.00	*A001 16440	50.0	50.0	1.0	106	13	0.4	0.01
10.00	*A001 16441	60.0	70.0	10.0	140	14	1.4	0.01
11.00	*A001 16442	70.0	80.0	10.0	111	13	0.4	0.01
12.00	*A001 16443	80.0	90.0	10.0	87	14	0.3	0.01
13.00	*A001 16444	90.0	100.0	10.0	136	12	0.3	0.01
14.00	*A001 16445	100.0	110.0	10.0	66	12	0.3	0.01
15.00	*A001 16446	110.0	111.0	7.0	76	12	0.3	0.01
16.00	*A001 16447	113.0	113.0	7.0	71	16	0.3	0.01
17.00	*A001 16448	120.0	130.0	10.0	9	12	0.3	0.01
18.00	*A001 16449	113.0	113.0	7.0	73	12	0.3	0.01
19.00	*A001 16450	140.0	150.0	10.0	88	10	0.3	0.01
20.00	*A001 16451	150.0	161.0	11.0	72	13	0.3	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

PLACER DEVELOPMENT LIMITED

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

page 2

\*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  
1% 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 \*\*\*\*

page 3

\*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	165.2	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	11	30	0.1	0.01	1.0	0.01	0.01
*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	120	16	2.9	0.01	80	41	0.01
*A001	16433	171.4	179.0	7.6	23	22	0.1	0.01	1.0	0.01	0.01

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 PERSVASIVE  
 END OF HOLE AT 179.00 FEET

End of Hole

PLACER DEVELOPMENT LIMITED

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

page 1

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	5.0	0.01	0.01
*A001	16201	17.5	20.5	3.0	:	124	12	0.1	0.01	1.0	0.01	0.01
*A001	26577	20.8	24.4	3.6	:	90	12	0.3	0.11	5.0	0.01	0.01
*A001	16202	24.3	26.8	2.5	:	57	12	0.1	0.01	1.0	0.01	0.01
*A001	26578	27.8	30.0	2.2	:	99	11	1.2	0.22	5.5	0.01	0.01
*A001	26579	30.4	34.4	4.0	:	77	10	1.0	0.26	6.6	0.01	0.01
*A001	16203	34.3	35.0	0.7	:	85	13	0.5	0.01	1.0	0.01	0.01
*A001	16204	45.0	55.0	10.0	:	93	12	0.1	0.01	2.0	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	59.1	61.9	2.8	:	57	9	1.6	0.16	1.0	0.01	0.01
*A001	16206	61.8	71.3	9.5	:	84	11	0.1	0.01	1.0	0.01	0.01
*A001	26581	71.3	72.5	1.2	:	81	10	2.0	0.81	7.0	0.01	0.01
*A001	16207	72.2	83.0	10.8	:	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	0.1	0.01	1.0	0.01	0.01
*A001	26582	99.4	103.3	3.9	:	72	9	1.0	0.05	8.0	0.01	0.01
*A001	16210	102.3	113.0	10.7	:	68	11	0.1	0.01	1.0	0.01	0.01
*A001	16211	113.0	119.0	6.0	:	78	10	0.2	0.01	3.0	0.01	0.01
*A001	26583	119.0	123.0	4.0	:	72	11	0.6	0.01	1.1	0.01	0.01
*A001	16212	122.9	134.8	11.9	:	83	13	0.1	0.01	1.0	0.01	0.01
*A001	26584	135.0	136.8	1.8	:	106	9	0.4	0.01	7.0	0.01	0.01
*A001	16213	146.0	142.3	3.7	:	86	12	0.1	0.01	1.0	0.01	0.01
*A001	26585	143.0	147.0	4.0	:	70	11	0.5	0.01	7.0	0.01	0.01
*A001	16214	146.0	156.0	10.0	:	77	13	0.1	0.01	1.0	0.01	0.01
*A001	16215	156.0	164.2	8.2	:	127	11	0.1	0.01	4.0	0.01	0.01
*A001	26584	164.1	165.5	1.4	:	53	10	0.2	0.01	5.0	0.01	0.01
*A001	16216	165.6	171.7	6.1	:	80	12	0.1	0.01	1.0	0.01	0.01
*A001	26587	172.0	174.0	2.0	:	119	9	1.9	0.08	5.5	0.01	0.01
*A001	16217	173.0	184.0	11.0	:	81	11	0.1	0.01	1.0	0.01	0.01
*A001	16218	184.0	194.0	10.0	:	77	11	0.1	0.01	1.0	0.01	0.01
*A001	16219	194.0	204.0	10.0	:	83	12	0.1	0.01	1.0	0.01	0.01
*A001	16220	204.0	214.0	10.0	:	79	12	0.1	0.01	1.0	0.01	0.01
*A001	16221	214.0	224.0	10.0	:	83	12	0.1	0.01	1.0	0.01	0.01
*A001	16222	224.0	234.0	10.0	:	89	12	0.1	0.01	1.0	0.01	0.01
*A001	16223	234.0	244.0	10.0	:	115	13	0.1	0.01	1.0	0.01	0.01
*A001	16224	244.0	254.0	10.0	:	120	12	0.1	0.01	2.0	0.01	0.01
*A001	16225	254.0	261.9	7.9	:	92	13	0.1	0.01	1.0	0.01	0.01
*A001	16226	263.8	274.0	10.2	:	69	11	1.2	0.01	1.0	0.01	0.01

PLACER DEVELOPMENT LIMITED

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

*A001	Samp	From	To	Intrvl:	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
--continue--											
*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	1.00	0.01	0.01
*A001	16228	284.0	294.0	10.0	90	13	0.1	0.01	1.00	0.01	0.01
*A001	16229	294.0	304.0	10.0	103	12	0.2	0.01	1.00	0.01	0.01
*A001	16230	304.0	314.0	10.0	86	12	0.2	0.01	1.00	0.01	0.01
*A001	16231	314.0	324.0	10.0	120	14	0.2	0.01	1.00	0.01	0.01
*A001	16232	324.0	334.0	10.0	60	12	0.1	0.01	1.00	0.01	0.01
*A001	16233	334.0	344.0	10.0	81	9	0.1	0.01	1.00	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

PLACER DEVELOPMENT LIMITED

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

page 3

\*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-



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\*\*\*\* 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: BDH-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	0.49	11	700	1620
*A001	26555	8.0	12.0	4.0	9100	26	12.0	0.37	13	93	870
*A001	26556	12.0	15.0	3.0	2040	34	2.8	0.01	13	27	330
*A001	9401	15.0	21.0	6.0	327	30	0.7	0.01	5	0.01	20
*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	27	0.4	0.01	7	0.01	0.01
*A001	9403	30.0	35.0	5.0	460	53	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	8	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 STAINING  
 .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 PERVASIVE  
 PERVASIVE 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 PERVASIVE  
 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 PERVASIVE  
 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 PERSVASIVE  
 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 PERSVASIVE  
 .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 D60  
 .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 D80  
 .01% PYRITE AS DISSEMINATIONS  
 .03% CHALCOPYRITE AS DISSEMINATIONS  
 1% HEMATITE AS PERSVASIVE

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 PERSVASIVE  
 1% CALCITE AS MICROVEINS

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\*\*\*\* 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.

End of Hole

\*A001 9415 83.5 66.0 2.5 : 84 30 0.1 0.01 1.0 0.01 0.01

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

page 1

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

*A001 26589	0.0	5.0	5.0	:	720	23	1.0	0.01	7	51	20
*A001 26590	5.0	9.5	4.5	:	690	26	0.8	0.01	7	22	50

SYENITE REDISH BLACK AND WITH WEATHERED  
 TEXTURE:MEDIUM-GRAINED, EQUIGRANULAR  
 .03% PYRITE AS  
 2.5% MAGNETITE AS DISSEMINATIONS  
 .1% HEMATITE AS FRAMEWORK CRYSTALS  
 .3% CALCITE AS  
 .3% POTASH FELDSPAR AS  
 .03% 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

*A001 26591	9.5	24.0	14.5	:	188	31	0.8	0.01	14	0.01	0.01
*A001 16397	24.0	30.0	6.0	:	162	28	0.2	0.01	4	0.01	0.01
*A001 16398	30.0	40.0	10.0	:	135	22	0.2	0.01	1.0	0.01	0.01
*A001 16399	40.0	50.0	10.0	:	227	22	0.1	0.01	1.0	0.01	0.01
*A001 16400	50.0	60.0	10.0	:	160	19	0.1	0.01	5.0	0.01	0.01
*A001 16401	60.0	66.7	6.7	:	199	14	0.1	0.01	3	0.01	0.01
*A001 15290	66.3	70.0	3.7	:	58	15	0.1	0.01	3	0.01	0.01
*A001 16402	70.0	80.0	10.0	:	131	31	0.1	0.01	6	0.01	0.01
*A001 16403	80.0	86.8	6.8	:	145	27	0.1	0.01	4	0.01	0.01
*A001 26592	87.0	91.0	4.0	:	125	31	0.3	0.01	4	0.01	0.01
*A001 16404	91.2	100.0	8.8	:	115	27	0.1	0.01	1.0	0.01	0.01
*A001 16405	100.0	110.0	10.0	:	83	19	0.1	0.01	2	0.01	0.01
*A001 16406	110.0	120.0	10.0	:	86	17	0.1	0.01	1.4	0.01	0.01
*A001 16407	120.0	130.0	10.0	:	52	16	0.1	0.01	1.0	0.01	0.01
*A001 16408	130.0	140.0	10.0	:	127	26	0.1	0.01	13	0.01	0.01
*A001 16409	140.0	150.0	10.0	:	85	30	0.1	0.01	15	0.01	0.01
*A001 16410	150.0	160.0	10.0	:	96	27	0.1	0.01	7	0.01	0.01
*A001 16411	160.0	168.0	8.0	:	100	28	0.1	0.01	13	0.01	0.01

BASALT V. DARK GRAY AND WITH CRACKLE-BREC  
 TEXTURE:VERY FINE GRAINED  
 .03% PYRITE AS  
 .3% MAGNETITE AS DISSEMINATIONS  
 .01% HEMATITE AS STAINIGS  
 1% CALCITE AS  
 .01% QUARTZ AS

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

page 2

\*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-BRECCIA  
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-BRECCIA  
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 \*\*\*\*

page 1

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	PPB	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	6	0.01	0.01
*A001 15415	42.0	45.5	3.5	62	36	0.1	0.01	14	0.01	0.01
*A001 26597	45.5	49.8	4.3	670	70	0.6	0.01	16	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	55.3	59.5	4.2	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	5	0.01	0.01
*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	0.0	0.10	2	0.01	0.01
*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	0.4	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  
.3% 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



\*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	15	0.1	0.01	3	0.01	0.01
*A001	15429	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	Samp	From	To	Intrvl	PPM CU	PPM NI	PPM AG	PPM AU	PPM AS	PPB PT	PPB PD
*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	52	37	0.1	0.01	1.0	0.01	0.01
*A001	15405	24.0	34.0	10.0	55	10	0.2	0.01		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	50	9	8.0	0.01		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	41.5	43.0	1.5	300	8	3.0	0.01		0.01	0.01
*A001	26513	43.5	43.8	0.3	13800	8	40	0.25	3	0.01	16
*A001	26514	43.8	45.0	1.2	319	8	1.5	0.34	8	0.01	0.01
*A001	26515	45.0	55.0	10.0	184	8	1.2	0.01	6	0.01	0.01
*A001	26516	55.0	63.0	8.0	137	9	0.7	0.01	6	0.01	0.01
*A001	26517	63.0	77.0	14.0	116	10	0.3	0.01	5	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 PERSVASIVE  
 .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	:	145	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	7	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	5	0.01	0.01
*A001	15412	146.4	157.0	10.6	:	20	5	0.5	0.06	1.0	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 192.0 174.0 12.0 : 171 9 9.8 8.09 1.2 0.24 8.91  
 \*A001 15414 192.0 178.0 12.0 : 153 12 9.8 8.09 1.2 0.24 8.91

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 PERSVASIVE

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 PERSVASIVE  
 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 PERSVASIVE  
 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 PERSVASIVE  
 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 \*\*\*\*

page 1

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	6.80	1.0	0.01
*A001	15387	73.0	83.0	10.0	83	8	0.1	0.01	1.0	0.01
*A001	15388	83.0	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	0.01
*A001	15389	93.0	95.3	2.3	98	9	0.2	0.01	2	0.01
*A001	15390	95.8	97.0	1.2	68	9	0.1	0.01	2	0.01
*A001	26531	97.0	97.9	0.9	76	8	0.3	0.06	4	0.01
*A001	15391	97.9	102.7	4.8	86	7	0.1	0.01	1	0.01
*A001	26532	102.8	104.3	1.5	344	8	0.9	0.01	1	0.01
*A001	15392	104.2	112.0	7.8	51	7	0.2	0.01	1	0.01
*A001	26533	112.0	119.2	7.2	185	6	1.0	0.08	6	0.01
*A001	15393	119.3	129.7	10.4	67	6	0.5	0.01	2	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 STAININGS  
 .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 PERSIVIVE  
 .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

PLACER DEVELOPMENT LIMITED

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

*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	PPMNIPP	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	3	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	149.0	153.5	4.5	41	17	1.1	0.16	1	0.01
*A001	15397	153.5	163.8	10.3	31	16	1.2	0.21	1	0.01
*A001	26544	159.0	162.0	3.0	13	9	0.7	0.51	1	0.01
*A001	26537	164.0	168.5	4.5	31	11	3.3	0.33	1	0.01
*A001	15398	168.5	179.0	10.5	11	6	0.3	0.01	1	0.01
*A001	15399	179.0	187.0	8.0	25	10	0.3	0.10	1	0.01
*A001	26538	187.0	192.0	5.0	310	10	0.8	0.07	1	0.01
*A001	15400	191.9	203.0	10.1	179	12	0.6	0.04	1	0.01
*A001	26539	202.0	203.0	1.0	26	8	0.7	0.01	1	0.01
*A001	15401	203.8	207.4	3.6	47	10	2.3	0.20	1	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 PERSIVASE  
 20% CLAY AS PATCHES  
 1% QUARTZ AS

CHALCOPYRITE BLEBS IN QUARTZ VEIN AT 135.0 FT.

From: 139.50FT To: 142.50FT

PLACER DEVELOPMENT LIMITED

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

page 5

*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	PPBD	

--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  
 2.5% PYRITE AS BRECCIA FILLINGS  
 30% QUARTZ AS PERVASIVE  
 1% PYRITE AS DISSEMINATIONS  
 20% QUARTZ AS BRECCIA FILLINGS

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\*\*\*\* 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	PPMNIPP	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	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-BRECCIATE  
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-BRECCIATE  
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

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

page 1

Property: PLATINUM BLONDE GRID LRG-2

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	:	256	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	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	24
*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	0.4	0.01	1.0	0.01	0.01
*A001	16256	122.1	124.9	2.8	:	1000	10	1.0	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	0.3	0.01	1.0	0.01	0.01
*A001	16259	149.8	155.8	6.0	:	256	13	0.5	0.01	1.0	0.01	0.01
*A001	16260	155.8	164.0	8.2	:	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	0.3	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

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

PLACER DEVELOPMENT LIMITED

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

page 4

\*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



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

page 5

\*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  
5% 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

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

page 1

Property: PLATINUM BLONDE GRID LRG-2

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 EMBEDRAL  
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

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

page 2

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

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 \*\*\*\*

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	:	589	9	0.1	0.01	1.0	0.01	0.01
*A001 16414	14.4	25.0	10.6	:	580	21	0.2	0.01	1.0	0.01	30
*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 PERVASIVE  
 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	1.2	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  
1% 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	1.3	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 PERSIVASE  
2-4 MM EUHEDRAL K-SPAR PHENOCRYSTS. SPARSE  
1-1.5 CM EUHEDRAL K-SPAR PHENOCRYSTS. PATCHES  
OF PERSIVASE 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 PERSIVASE  
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

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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

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From: 125.50FT To: 177.00FT

PLACER DEVELOPMENT LIMITED

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

page 4

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*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 :	309	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

12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890\*\*\*SEQ.NO.24

\* \* \* \* \* SPERRY 1100 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- LEV. 39R3C/11-03 SITE \* PLACER \* \* \* \* \*