



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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DDH 1 - ?

DD1
10/31/80

Diamond Drill Hole -
pdr 1-25

HOLE 061430 *DD1 LUCKY STOP PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 0 FEET
PROBED 75 FEET ON 4/22/77

LOCATION COLLAR ELEVATION = 0.0 FEET
N-S COORD. = 0.0
E-W COORD. = 0.0
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE NO

LOGGING PARAMETERS K-FACTOR = .00002460
DEAD TIME = .00000708
WATER FACTOR = 1.000
PIPE FACTOR = 0.000
WATER DEPTH = 0 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DD1 LUCKY STOP PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 2.0 TO 20.5 ; INTERPRETED AS

2.0	.037-	8.5	.022-	15.0	.016-
2.5	.036-	9.0	.014-	15.5	.020-
3.0	.043-	9.5	.018-	16.0	.013-
3.5	.033-	10.0	.016-	16.5	.016-
4.0	.019-	10.5	.023-	17.0	.016-
4.5	.022-	11.0	.016-	17.5	.014-
5.0	.018-	11.5	.019-	18.0	.015-
5.5	.023-	12.0	.015-	18.5	.014-
6.0	.017-	12.5	.016-	19.0	.018-
6.5	.018-	13.0	.017-	19.5	.009-
7.0	.017-	13.5	.015-	20.0	.013-
7.5	.015-	14.0	.017-	20.5	.008-
8.0	.018-	14.5	.018-		

HOLE 061430 *DD1 LUCKY STOP PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	2.0	.037	2.0	.075

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.0 FEET,
A GRADE OF .037 (U308, AND A G*T OF .075 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

DDH1
10/31/80

HOLE 061430 *DDH1 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 150 FEET
PROBED 148 FEET ON 5/27/80

LOCATION COLLAR ELEVATION = 6111.4 FEET
N-S COORD. = 1032500.2
E-W COORD. = 259328.9
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 28 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH1 IS BARREN **

HOLE 061430 *DDH2 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 135 FEET
PROBED 134 FEET ON 5/28/80

LOCATION COLLAR ELEVATION = 6105.6 FEET
N-S COORD. = 1032484.3
E-W COORD. = 259412.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 22 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH2 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 68.5 TO 88.0 ; INTERPRETED AS

68.5	.015-	75.5	.110-***	82.5	.046-
69.0	0.000-	76.0	.052-**	83.0	.120-***
69.5	.033-	76.5	.068-*	83.5	.025-
70.0	.005-	77.0	.002-	84.0	.066-*
70.5	.012-	77.5	.151-***	84.5	.048-
71.0	.008-	78.0	.034-	85.0	.011-
71.5	0.000-	78.5	.109-***	85.5	.019-
72.0	.043-	79.0	.044-	86.0	.028-
72.5	.004-	79.5	.043-	86.5	.007-
73.0	.034-	80.0	.033-	87.0	.030-
73.5	.040-	80.5	.031-	87.5	.002-
74.0	.026-	81.0	.050-*	88.0	.014-
74.5	0.000-	81.5	.118-***		
75.0	.159-***	82.0	.140-***		

ANOMALY 2 - 109.5 TO 111.5 ; INTERPRETED AS

109.5	.011-	110.5	.056-*	111.5	0.000-
110.0	.002-	111.0	.034-		

HOLE 061430 *DDH2 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	13.0	.061	72.0	.798
	1.0	.045	110.5	.045
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 14.0 FEET,			
A GRADE OF .060 (U308,	AND A G*T OF .843 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	4.0	.086	75.0	.343
	3.5	.081	81.0	.283
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 7.5 FEET,			
A GRADE OF .083 (U308,	AND A G*T OF .625 (=FT.			

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

DDH3
10/31/80

HOLE 061430 *DDH3 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAE879720
DRILLED 110 FEET
PROBED 110 FEET ON 6/ 3/80

LOCATION COLLAR ELEVATION = 6076.8 FEET
N-S COORD. = 1032475.0
E-W COORD. = 259550.8
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.100
PIPE FACTOR = 1.000
WATER DEPTH = 36 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS
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FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
.....

THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS
.....

CHEMISTRY	DEPTH TO TOP
.....

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH3 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 34.5 TO 41.0 ; INTERPRETED AS

34.5	.006-	37.0	.017-	39.5	0.000-
35.0	.014-	37.5	0.000-	40.0	.015-
35.5	.016-	38.0	.289-*****	40.5	.014-
36.0	.001-	38.5	0.000-	41.0	.006-
36.5	.012-	39.0	.020-		

ANOMALY 2 - 45.5 TO 65.5 ; INTERPRETED AS

45.5	0.000-	52.5	.043-	59.5	.015-
46.0	.018-	53.0	.035-	60.0	.035-
46.5	.031-	53.5	.026-	60.5	0.000-
47.0	.004-	54.0	.036-	61.0	.085-*
47.5	.008-	54.5	.028-	61.5	.059-*
48.0	.018-	55.0	.036-	62.0	.022-
48.5	.012-	55.5	.060-*	62.5	.059-*
49.0	.015-	56.0	.035-	63.0	.006-
49.5	.019-	56.5	.029-	63.5	.049-
50.0	.012-	57.0	.026-	64.0	.019-
50.5	.033-	57.5	.047-	64.5	.028-
51.0	.013-	58.0	.008-	65.0	.014-
51.5	.067-*	58.5	.043-	65.5	.011-
52.0	.035-	59.0	.016-		

ANOMALY 3 - 87.0 TO 91.5 ; INTERPRETED AS

87.0	.012-	89.0	.035-	91.0	.024-
87.5	.005-	89.5	.120-**	91.5	.001-
88.0	.027-	90.0	0.000-		
88.5	.010-	90.5	0.000-		

HOLE 061430 *DDH3 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
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	.5	.289	38.0	.145
	13.5	.035	50.5	.473
	1.0	.078	89.0	.078
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF 15.0 FEET,			
A GRADE OF .046 (U308,	AND A G*T OF .695 (=FT.			

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *DDH4 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 15.0 TO 26.0 ; INTERPRETED AS

15.0	.011=	19.0	.023=	23.0	.006=
15.5	.013=	19.5	.032=	23.5	0.000=
16.0	.008=	20.0	.039=	24.0	.067=*
16.5	.012=	20.5	.001=	24.5	0.000=
17.0	.009=	21.0	.048=	25.0	.015=
17.5	0.000=	21.5	.007=	25.5	.011=
18.0	.103=**	22.0	.091=*	26.0	.011=
18.5	.023=	22.5	.020=		

ANOMALY 2 - 46.0 TO 52.0 ; INTERPRETED AS

46.0	.019=	48.5	.009=	51.0	0.000=
46.5	.006=	49.0	.005=	51.5	.003=
47.0	.007=	49.5	.021=	52.0	.009=
47.5	.008=	50.0	.031=		
48.0	.010=	50.5	.286=*****		

HOLE 061430 *DDH4 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.5	.035	18.0	.230
	1.0	.159	50.0	.159

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF .052 (U308, AND A G*T OF .389 (-FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

DDH4
10/31/80

HOLE 061430 *DDH4 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 70 FEET
PROBED 69 FEET ON 5/27/80

LOCATION COLLAR ELEVATION = 6026.2 FEET
N-S COORD. = 1032434.9
E-W COORD. = 259686.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 10 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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HOLE 061430 *DDHS WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 80 FEET
PROBED 79 FEET ON 5/27/80

LOCATION COLLAR ELEVATION = 6031.7 FEET
N-S COORD. = 1032437.9
E-W COORD. = 259782.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 19 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDHS WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 7.0 TO 41.0 ; INTERPRETED AS

7.0	0.000=	18.5	.333=*****	30.0	.039=
7.5	.017=	19.0	.051=*	30.5	.161=***
8.0	.015=	19.5	.073=*	31.0	.026=
8.5	.003=	20.0	.026=	31.5	.082=*
9.0	.007=	20.5	.051=*	32.0	.053=*
9.5	.013=	21.0	.004=	32.5	.123=**
10.0	0.000=	21.5	.236=****	33.0	.077=*
10.5	.112=**	22.0	.051=*	33.5	.061=*
11.0	.104=**	22.5	.124=**	34.0	.035=
11.5	.040=	23.0	.088=*	34.5	.021=
12.0	.224=*****	23.5	.037=	35.0	.097=*
12.5	.243=*****	24.0	.180=***	35.5	.046=
13.0	.054=*	24.5	.122=**	36.0	.121=**
13.5	.075=*	25.0	.039=	36.5	.065=*
14.0	.137=**	25.5	.008=	37.0	.015=
14.5	.029=	26.0	.029=	37.5	.013=
15.0	.025=	26.5	.033=	38.0	0.000=
15.5	.056=*	27.0	.045=	38.5	.047=
16.0	.130=**	27.5	.013=	39.0	.025=
16.5	.162=***	28.0	.024=	39.5	0.000=
17.0	.249=*****	28.5	.210=*****	40.0	.043=
17.5	.086=*	29.0	0.000=	40.5	.005=
18.0	.154=***	29.5	.178=***	41.0	.009=

ANOMALY 2 = 57.0 TO 62.0 ; INTERPRETED AS

57.0	.010=	59.0	.003=	61.0	.029=
57.5	.003=	59.5	.022=	61.5	.001=
58.0	.030=	60.0	0.000=	62.0	.011=
58.5	.006=	60.5	.143=**		

HOLE 061430 *DDHS WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	30.0	.083	10.5	2.492
	.5	.143	60.5	.072

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 30.5 FEET,
A GRADE OF .084 (U308, AND A G*T OF 2.564 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	14.5	.112	10.5	1.628
	8.5	.082	28.5	.697

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 23.0 FEET,
A GRADE OF .101 (U308, AND A G*T OF 2.326 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.5	.130	10.5	1.107

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.5 FEET,
A GRADE OF .130 (U308, AND A G*T OF 1.107 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *DDH6 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 85 FEET
PROBED 85 FEET ON 5/27/80

LOCATION COLLAR ELEVATION = 6020.8 FEET
N-S COORD. = 1032359.9
E-W COORD. = 259944.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 22 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH6 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 29.0 TO 39.5 ; INTERPRETED AS

29.0	.002=	33.0	.031=	37.0	.086=*
29.5	.017=	33.5	.029=	37.5	0.000=
30.0	.014=	34.0	.016=	38.0	.001=
30.5	.009=	34.5	.069=*	38.5	.034=
31.0	.018=	35.0	.025=	39.0	.002=
31.5	0.000=	35.5	.379=*****	39.5	.011=
32.0	.016=	36.0	0.000=		
32.5	.004=	36.5	.322=*****		

ANOMALY 2 = 54.5 TO 66.5 ; INTERPRETED AS

54.5	.013=	59.0	.040=	63.5	.022=
55.0	.003=	59.5	.012=	64.0	.017=
55.5	.031=	60.0	.018=	64.5	.036=
56.0	0.000=	60.5	.053=*	65.0	0.000=
56.5	.033=	61.0	.056=*	65.5	.016=
57.0	.033=	61.5	.065=*	66.0	.013=
57.5	.033=	62.0	.022=	66.5	.009=
58.0	.015=	62.5	.053=*		
58.5	.046=	63.0	.044=		

HOLE 061430 *DDH6 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	6.0	.083	33.0	.496
	9.5	.033	55.5	.315

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.5 FEET,
A GRADE OF .052 (U308, AND A G*T OF .810 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	3.0	.147	34.5	.441

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 3.0 FEET,
A GRADE OF .147 (U308, AND A G*T OF .441 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *DDH7 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB79720
DRILLED 145 FEET
PROBED 143 FEET ON 6/ 5/80

LOCATION COLLAR ELEVATION = 6070.1 FEET
N-S COORD. = 1032293.3
E-W COORD. = 260039.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00001020
DEAD TIME = .00000816
WATER FACTOR = 1.100
PIPE FACTOR = 1.000
WATER DEPTH = 45 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH7 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 113.0 TO 115.0 ; INTERPRETED AS

113.0	.007-	114.0	0.000-	115.0	0.000-
113.5	.018-	114.5	.029-		

ANOMALY 2 - 135.0 TO 140.0 ; INTERPRETED AS

135.0	.008-	137.0	.007-	139.0	.025-
135.5	.014-	137.5	.014-	139.5	.005-
136.0	.007-	138.0	.013-	140.0	.012-
136.5	.014-	138.5	.016-		

DDH8
10/31/80

HOLE 061430 *DDH8 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 175 FEET
PROBED 166 FEET ON 6/ 6/80

LOCATION COLLAR ELEVATION = 6111.0 FEET
N-S COORD. = 1032255.3
E-W COORD. = 260189.4
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.100
PIPE FACTOR = 1.000
WATER DEPTH = 78 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH8 IS BARREN **

DDH9
10/31/80

HOLE 061430 *DDH9 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 195 FEET
PROBED 195 FEET ON 5/24/80

LOCATION COLLAR ELEVATION = 6165.4 FEET
N-S COORD. = 1032119.8
E-W COORD. = 259456.0
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.520
WATER DEPTH = 6 FEET
PIPE DEPTH = 68 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

DDH9
10/31/80

HOLE 061430 *DDH9 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 168.0 TO 171.5 ; INTERPRETED AS

168.0	.011-	169.5	.041-	171.0	.019-
168.5	.006-	170.0	.014-	171.5	0.000-
169.0	.013-	170.5	.009-		

HOLE 061430 *DDH10 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER
DRILLED 190 FEET
PROBED 182 FEET ON 5/22/80

LOCATION COLLAR ELEVATION = 6156.2 FEET
N-S COORD. = 1032063.1
E-W COORD. = 259545.6
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.520
WATER DEPTH = 5 FEET
PIPE DEPTH = 48 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
-----	-----

THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH10 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 54.0 TO 64.0 ; INTERPRETED AS

54.0	0.000-	57.5	.016-	61.0	.007-
54.5	.021-	58.0	.018-	61.5	.021-
55.0	.010-	58.5	.038-	62.0	.013-
55.5	.007-	59.0	.021-	62.5	.012-
56.0	.008-	59.5	.013-	63.0	.008-
56.5	0.000-	60.0	.035-	63.5	.011-
57.0	.042-	60.5	.018-	64.0	.012-

ANOMALY 2 - 126.0 TO 171.5 ; INTERPRETED AS

126.0	.010-	141.5	.001-	157.0	.027-
126.5	.019-	142.0	.008-	157.5	.003-
127.0	.003-	142.5	.019-	158.0	.003-
127.5	.002-	143.0	.006-	158.5	.031-
128.0	.021-	143.5	.004-	159.0	.008-
128.5	0.000-	144.0	.012-	159.5	.031-
129.0	.016-	144.5	.044-	160.0	.013-
129.5	.016-	145.0	.002-	160.5	.039-
130.0	0.000-	145.5	.030-	161.0	.049-
130.5	.020-	146.0	.072=*	161.5	.080=*
131.0	0.000-	146.5	.041-	162.0	.160=***
131.5	.007-	147.0	.078=*	162.5	.115=**
132.0	.048-	147.5	.006-	163.0	.303=*****
132.5	.019-	148.0	.049-	163.5	.263=*****
133.0	.034-	148.5	.231=****	164.0	.226=*****
133.5	.054=*	149.0	.002-	164.5	0.000-
134.0	.055=*	149.5	.049-	165.0	.194=***
134.5	.056=*	150.0	.047-	165.5	.146=**
135.0	.062=*	150.5	.007-	166.0	.233=****
135.5	.074=*	151.0	.007-	166.5	.022-
136.0	.065=*	151.5	.008-	167.0	.338=*****
136.5	.044-	152.0	.012-	167.5	.013-
137.0	.039-	152.5	.023-	168.0	.228=****
137.5	.055=*	153.0	.069=*	168.5	.030-
138.0	.132=**	153.5	.034-	169.0	.070=*
138.5	.173=***	154.0	.110=**	169.5	0.000-
139.0	.094=*	154.5	.032-	170.0	.018-
139.5	.088=*	155.0	.030-	170.5	.018-
140.0	.112=**	155.5	.018-	171.0	.007-
140.5	.001-	156.0	.015-	171.5	.011-
141.0	.023-	156.5	0.000-		

HOLE 061430 *DDH10 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	3.5	.026	57.0	.091
	8.5	.071	132.0	.602
	6.0	.054	144.5	.326
	2.5	.055	153.0	.138
	11.0	.118	158.5	1.296

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 31.5 FEET,
A GRADE OF .078 (U308, AND A G*T OF 2.453 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.0	.079	133.5	.551
	8.0	.151	161.5	1.211

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.0 FEET,
A GRADE OF .117 (U308, AND A G*T OF 1.762 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	.172	162.0	1.121

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF .172 (U308, AND A G*T OF 1.121 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	6.5	.172	162.0	1.121

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 6.5 FEET,
A GRADE OF .172 (U308, AND A G*T OF 1.121 (=FT.

Diamond Drill Hole

DDH=11
10/31/80

HOLE 061430 *DDH=11 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 185 FEET
PROBED 179 FEET ON 5/21/80

LOCATION COLLAR ELEVATION = 6151.2 FEET
N-S COORD. = 1032016.8
E-W COORD. = 259650.2
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH=11 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 85.0 TO 111.0 ; INTERPRETED AS

85.0	.005=-	94.0	.075=*	103.0	.006=-
85.5	.028=-	94.5	.069=*	103.5	.229=*****
86.0	.012=-	95.0	.159=***	104.0	.078=*
86.5	.016=-	95.5	.068=*	104.5	.274=*****
87.0	.003=-	96.0	.078=*	105.0	.109=**
87.5	.018=-	96.5	0.000=-	105.5	.228=*****
88.0	.009=-	97.0	.348=*****	106.0	.047=-
88.5	.021=-	97.5	.050=*	106.5	.192=***
89.0	.015=-	98.0	.050=*	107.0	.144=**
89.5	.020=-	98.5	0.000=-	107.5	.101=**
90.0	.014=-	99.0	.408=*****	108.0	0.000=-
90.5	.036=-	99.5	0.000=-	108.5	.148=**
91.0	.042=-	100.0	.087=*	109.0	.042=-
91.5	.014=-	100.5	.034=-	109.5	.031=-
92.0	.134=**	101.0	.105=**	110.0	.022=-
92.5	.070=*	101.5	.115=**	110.5	.011=-
93.0	.128=**	102.0	.230=*****	111.0	.010=-
93.5	.014=-	102.5	.067=*		

ANOMALY 2 - 115.5 TO 153.0 ; INTERPRETED AS

115.5	.006=-	128.5	.013=-	141.5	.017=-
116.0	.017=-	129.0	.005=-	142.0	.060=*
116.5	.013=-	129.5	.010=-	142.5	.147=**
117.0	.011=-	130.0	.002=-	143.0	.084=*
117.5	.013=-	130.5	.026=-	143.5	.146=**
118.0	.016=-	131.0	.010=-	144.0	.025=-
118.5	.002=-	131.5	.026=-	144.5	.035=-
119.0	.010=-	132.0	.122=**	145.0	.058=*
119.5	.011=-	132.5	.071=*	145.5	.025=-
120.0	.025=-	133.0	.214=*****	146.0	.012=-
120.5	.024=-	133.5	.084=*	146.5	.013=-
121.0	.018=-	134.0	.142=**	147.0	.013=-
121.5	.030=-	134.5	.169=***	147.5	.013=-
122.0	.073=*	135.0	.069=*	148.0	.004=-
122.5	.042=-	135.5	.086=*	148.5	.105=**
123.0	.084=*	136.0	.262=*****	149.0	0.000=-
123.5	.036=-	136.5	.159=***	149.5	.012=-
124.0	.066=*	137.0	.133=**	150.0	.001=-
124.5	.026=-	137.5	.030=-	150.5	.015=-
125.0	.057=*	138.0	.164=***	151.0	.008=-
125.5	0.000=-	138.5	.083=*	151.5	.013=-
126.0	.043=-	139.0	.113=**	152.0	.036=-
126.5	.002=-	139.5	.162=***	152.5	.012=-
127.0	.018=-	140.0	.165=***	153.0	.008=-
127.5	.016=-	140.5	.293=*****		
128.0	.013=-	141.0	.023=-		

ANOMALY 3 - 166.0 TO 173.5 ; INTERPRETED AS

166.0 .01
166.5 .00
167.0 .007
167.5 .011
168.0 .004
168.5 .008

169.0 .007
169.5 .002
170.0 .019
170.5 .033
171.0 .383*****
171.5 0.000

172.0 .018
172.5 .018
173.0 .008
173.5 .013

HOLE 061430 *DDH=11 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	19.5	.103	90.5	2.005
	5.0	.046	121.5	.229
	13.5	.115	132.0	1.558
	.5	.105	148.5	.053
	1.0	.208	170.5	.208

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 39.5 FEET,
A GRADE OF .103 (U308, AND A G*T OF 4.052 (=FT,

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	17.0	.113	92.0	1.923
	13.5	.115	132.0	1.558

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 30.5 FEET,
A GRADE OF .114 (U308, AND A G*T OF 3.480 (=FT,

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	17.0	.113	92.0	1.923
	12.0	.125	132.0	1.499

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 29.0 FEET,
A GRADE OF .118 (U308, AND A G*T OF 3.421 (=FT,

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.0	.146	133.0	1.164

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .146 (U308, AND A G*T OF 1.164 (=FT,

HOLE 061430 *DDH-12 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 190 FEET
PROBED 183 FEET ON 5/16/80

LOCATION COLLAR ELEVATION = 6140.3 FEET
N-S COORD. = 1031968.5
E-W COORD. = 259737.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00002600
DEAD TIME = .00000800
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 32 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH-12 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 56.0 TO 83.5 ; INTERPRETED AS

56.0	.007-	65.5	.022-	75.0	.010-
56.5	.007-	66.0	.020-	75.5	.020-
57.0	.006-	66.5	.034-	76.0	.012-
57.5	.015-	67.0	.022-	76.5	.006-
58.0	.023-	67.5	.013-	77.0	.035-
58.5	.014-	68.0	.004-	77.5	.009-
59.0	.020-	68.5	.046-	78.0	.014-
59.5	.050-*	69.0	.004-	78.5	.006-
60.0	.010-	69.5	.022-	79.0	.034-
60.5	.016-	70.0	.016-	79.5	.010-
61.0	.023-	70.5	.013-	80.0	.010-
61.5	.027-	71.0	.013-	80.5	.010-
62.0	.046-	71.5	.015-	81.0	.019-
62.5	.016-	72.0	.012-	81.5	.004-
63.0	.043-	72.5	.021-	82.0	.011-
63.5	.010-	73.0	.015-	82.5	.007-
64.0	.015-	73.5	.023-	83.0	.006-
64.5	.011-	74.0	.015-	83.5	.010-
65.0	.031-	74.5	.023-		

ANOMALY 2 - 89.0 TO 116.0 ; INTERPRETED AS

89.0	.006-	98.5	.031-	108.0	1.429-*****
89.5	.012-	99.0	.017-	108.5	0.000-
90.0	.013-	99.5	.032-	109.0	.014-
90.5	0.000-	100.0	.029-	109.5	.213-****
91.0	.028-	100.5	.045-	110.0	.054-*
91.5	.006-	101.0	.026-	110.5	.015-
92.0	.011-	101.5	.039-	111.0	.003-
92.5	.015-	102.0	.049-	111.5	.020-
93.0	.017-	102.5	.083-*	112.0	.019-
93.5	.019-	103.0	.044-	112.5	.005-
94.0	.037-	103.5	.050-*	113.0	.005-
94.5	.010-	104.0	.036-	113.5	.028-
95.0	.044-	104.5	.063-*	114.0	0.000-
95.5	.023-	105.0	.066-*	114.5	.012-
96.0	.064-*	105.5	.077-*	115.0	0.000-
96.5	.059-*	106.0	.084-*	115.5	.019-
97.0	.026-	106.5	.072-*	116.0	.004-
97.5	.056-*	107.0	0.000-		
98.0	.027-	107.5	0.000-		

ANOMALY 3 - 158.0 TO 172.0 ; INTERPRETED AS

158.0	.011-	163.0	.013-	168.0	.022-
158.5	.005-	163.5	.007-	168.5	0.000-
159.0	.008-	164.0	.052-*	169.0	.009-
159.5	.011-	164.5	.023-	169.5	.004-
160.0	.004-	165.0	.023-	170.0	.000-

160.0 .004=
160.5 .009=
161.0 .014=
161.5 .019=
162.0 .024=
162.5 .029=

163.0 .034=
163.5 .039=
164.0 .044=
164.5 .049=
165.0 .054=
165.5 .059=
166.0 .064=
166.5 .069=
167.0 .074=
167.5 .079=

168.0 .084=
168.5 .089=
169.0 .094=
169.5 .099=
170.0 .104=
170.5 .109=
171.0 .114=
171.5 .119=
172.0 .124=

HOLE 061430 *DDH=12 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.0	.024	62.0	.167
	2.5	.020	77.0	.049
	16.5	.088	94.0	1.450
	1.0	.038	166.5	.038

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 27.0 FEET,
A GRADE OF .063 (U308, AND A G*T OF 1.703 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	8.0	.143	102.5	1.143

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 8.0 FEET,
A GRADE OF .143 (U308, AND A G*T OF 1.143 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	.414	108.0	.828

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.0 FEET,
A GRADE OF .414 (U308, AND A G*T OF .828 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	.414	108.0	.828

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.0 FEET,
A GRADE OF .414 (U308, AND A G*T OF .828 (=FT.

HOLE 061430 *DDH-13 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	2.0	.039	121.0	.079
	10.5	.091	125.0	.951
	1.0	.100	160.0	.100

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 13.5 FEET,
A GRADE OF .084 (U308, AND A G*T OF 1.129 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	10.0	.093	125.5	.931

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 10.0 FEET,
A GRADE OF .093 (U308, AND A G*T OF .931 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	7.5	.102	128.0	.765

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 7.5 FEET,
A GRADE OF .102 (U308, AND A G*T OF .765 (=FT.

*

GRADE CUTOFF .15; G*T CUTOFF .75; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *DDH=13 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 112.0 TO 142.0 ; INTERPRETED AS

112.0	.006-	122.5	.033-	133.0	.081=*
112.5	.013-	123.0	.012-	133.5	.071=*
113.0	.013-	123.5	.016-	134.0	.030-
113.5	.005-	124.0	.009-	134.5	.139=**
114.0	.007-	124.5	.016-	135.0	.257=*****
114.5	.006-	125.0	.040-	135.5	.001-
115.0	.005-	125.5	.091=*	136.0	.020-
115.5	.006-	126.0	.066=*	136.5	.010-
116.0	.008-	126.5	.041-	137.0	.006-
116.5	.005-	127.0	.075=*	137.5	.027-
117.0	.008-	127.5	.059=*	138.0	0.000-
117.5	.008-	128.0	.141=**	138.5	.007-
118.0	.010-	128.5	.043-	139.0	.007-
118.5	.005-	129.0	.129=**	139.5	0.000-
119.0	.008-	129.5	.077=*	140.0	.015-
119.5	.012-	130.0	.099=*	140.5	.012-
120.0	.021-	130.5	.103=**	141.0	0.000-
120.5	.009-	131.0	.066=*	141.5	.019-
121.0	.063=*	131.5	.089=*	142.0	0.000-
121.5	.023-	132.0	.055=*		
122.0	.038-	132.5	.150=**		

ANOMALY 2 - 154.0 TO 164.0 ; INTERPRETED AS

154.0	.016-	157.5	0.000-	161.0	0.000-
154.5	.013-	158.0	.011-	161.5	.010-
155.0	.003-	158.5	.005-	162.0	.007-
155.5	.009-	159.0	.012-	162.5	.009-
156.0	.009-	159.5	0.000-	163.0	.003-
156.5	.004-	160.0	.081=*	163.5	.013-
157.0	.028-	160.5	.118=**	164.0	.021-

HOLE 061430 *DDH-13 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 243 FEET
PROBED 235 FEET ON 5/14/80

LOCATION COLLAR ELEVATION = 6128.9 FEET
N-S COORD. = 1031938.4
E-W COORD. = 259825.5
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00002600
DEAD TIME = .00000800
WATER FACTOR = 1.050
PIPE FACTOR = 1.000
WATER DEPTH = 77 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH14 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 185 FEET
PROBED 177 FEET ON 5/12/80

LOCATION COLLAR ELEVATION = 6117.5 FEET
N-S COORD. = 1031867.0
E-W COORD. = 259935.7
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00002600
DEAD TIME = .00000365
WATER FACTOR = 1.070
PIPE FACTOR = 1.520
WATER DEPTH = 18 FEET
PIPE DEPTH = 43 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH14 IS BARREN **

DDH15
10/31/80

HOLE 061430 *DDH15 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 195 FEET
PROBED 187 FEET ON 5/10/80

LOCATION COLLAR ELEVATION = 6118.5 FEET
N-S COORD. = 1031852.0
E-W COORD. = 260018.3
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00002600
DEAD TIME = .00000365
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 28 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH15 IS BARREN **

HOLE 061430 *DDH16 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 204 FEET
PROBED 197 FEET ON 6/ 7/80

LOCATION COLLAR ELEVATION = 6130.6 FEET
N-S COORD. = 1032114.3
E-W COORD. = 260328.1
COORDINATES ARE EXACT
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP =90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.100
PIPE FACTOR = 1.430
WATER DEPTH = 5 FEET
PIPE DEPTH = 197 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

DDH16
10/31/80

HOLE 061430 *DDH16 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 - 130.0 TO 135.5 ; INTERPRETED AS

130.0	.021-	132.0	.002-	134.0	.097-*
130.5	.010-	132.5	.013-	134.5	.023-
131.0	.003-	133.0	.017-	135.0	.014-
131.5	.033-	133.5	.004-	135.5	.001-

HOLE 061430 *DDH16 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
-----	-----	-----	-----	---
	.5	.097	134.0	.049
LITHOLOGIC UNIT	AS A WHOLE HAS A THICKNESS OF			.5 FEET,
A GRADE OF	.097 (U308,	AND A G*T OF	.049 (-FT,	

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

DDH17
10/31/80

HOLE 061430 *DDH17 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 498 FEET
PROBED 490 FEET ON 6/19/80

LOCATION COLLAR ELEVATION = 6407.9 FEET
N-S COORD. = 1030337.9
E-W COORD. = 259626.1
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003070
DEAD TIME = .00000726
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 336 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

HOLE 061430 *DDH17 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

TABULATED GRADE DATA

ANOMALY 1 = 272.0 TO 276.0 ; INTERPRETED AS

272.0	.001=-	273.5	.027=-	275.0	0.000=-
272.5	.006=-	274.0	.029=-	275.5	.015=-
273.0	.028=-	274.5	.043=-	276.0	.006=-

ANOMALY 2 = 381.0 TO 386.5 ; INTERPRETED AS

381.0	.011=-	383.0	.004=-	385.0	.326=*****
381.5	.012=-	383.5	.006=-	385.5	0.000=-
382.0	.030=-	384.0	0.000=-	386.0	0.000=-
382.5	.003=-	384.5	.185=***	386.5	.009=-

ANOMALY 3 = 391.0 TO 396.0 ; INTERPRETED AS

391.0	.017=-	393.0	0.000=-	395.0	0.000=-
391.5	.016=-	393.5	.564=*****	395.5	0.000=-
392.0	0.000=-	394.0	.336=*****	396.0	.026=-
392.5	.033=-	394.5	0.000=-		

ANOMALY 4 = 400.5 TO 419.5 ; INTERPRETED AS

400.5	.012=-	407.0	.026=-	413.5	.019=-
401.0	.002=-	407.5	.002=-	414.0	.208=****
401.5	.008=-	408.0	.013=-	414.5	.105=**
402.0	.040=-	408.5	.005=-	415.0	.050=*
402.5	.032=-	409.0	.009=-	415.5	.034=-
403.0	.022=-	409.5	.002=-	416.0	.042=-
403.5	.005=-	410.0	.033=-	416.5	.026=-
404.0	.008=-	410.5	0.000=-	417.0	.012=-
404.5	.030=-	411.0	.016=-	417.5	.040=-
405.0	.010=-	411.5	.019=-	418.0	0.000=-
405.5	.005=-	412.0	.014=-	418.5	.034=-
406.0	.056=*	412.5	.019=-	419.0	0.000=-
406.5	.013=-	413.0	.061=*	419.5	.013=-

ANOMALY 5 = 431.0 TO 436.5 ; INTERPRETED AS

431.0	.023=-	433.0	.025=-	435.0	.017=-
431.5	0.000=-	433.5	.012=-	435.5	.023=-
432.0	.023=-	434.0	0.000=-	436.0	0.000=-
432.5	.020=-	434.5	.016=-	436.5	.013=-

ANOMALY 6 = 451.0 TO 455.0 ; INTERPRETED AS

451.0	.021=-	452.5	.100=**	454.0	.033=-
451.5	.003=-	453.0	.001=-	454.5	0.000=-

HOLE 061430 *DDH17 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

** INTERCEPT SUMMARY **

GRADE CUTOFF .03; G*T CUTOFF .03; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	.256	384.5	.256
	2.0	.233	392.5	.467
	4.5	.023	402.0	.104
	6.0	.053	413.0	.316
	2.0	.034	452.5	.067

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 15.5 FEET,
A GRADE OF .078 (U308, AND A G*T OF 1.209 (=FT.

*

GRADE CUTOFF .05; G*T CUTOFF .25; MIN. WASTE INTERVAL 1.5

LITH. UNIT	THICKNESS	GRADE	DEPTH	G*T
	1.0	.256	384.5	.256
	1.0	.450	393.5	.450

LITHOLOGIC UNIT AS A WHOLE HAS A THICKNESS OF 2.0 FEET,
A GRADE OF .353 (U308, AND A G*T OF .706 (=FT.

*

GRADE CUTOFF .10; G*T CUTOFF .50; MIN. WASTE INTERVAL 1.5

THERE IS NO MINERALIZATION ABOVE THIS CUTOFF.

HOLE 061430 *DDH18 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 190 FEET
PROBED 183 FEET ON 6/20/80

LOCATION COLLAR ELEVATION = 6167.2 FEET
N-S COORD. = 1032234.0
E-W COORD. = 259363.5
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 148 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH18 IS BARREN **

DDH19
10/31/80

HOLE 061430 *DDH19 WORKMAN CK PROPERTIES
GILA COUNTY, ARIZONA
LEASE ID

JOCA NUMBER CAEB37720
DRILLED 115 FEET
PROBED 108 FEET ON 6/23/80

LOCATION COLLAR ELEVATION = 6095.0 FEET
N-S COORD. = 1032398.9
E-W COORD. = 259094.1
COORDINATES ARE APPROXIMATE
DRIFTED HOLE NO
DIRECTIONALLY DRILLED HOLE YES
DIP = 90.0
BEARING N 0E

LOGGING PARAMETERS K-FACTOR = .00003440
DEAD TIME = .00000458
WATER FACTOR = 1.070
PIPE FACTOR = 1.000
WATER DEPTH = 5 FEET
PIPE DEPTH = 0 FEET

MAJOR LITHOLOGIC UNITS

FORMATION	AGE	SUBDIVISION	LITHOLOGY	DEPTH TO TOP
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THERE ARE NO LITHOLOGIC UNITS RECORDED

MAJOR CHEMICAL UNITS

CHEMISTRY	DEPTH TO TOP
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THERE ARE NO CHEMICAL UNITS RECORDED

** HOLE DDH19 IS BARREN **