

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #176-25, located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCHMARK LOCATED IN THE NE 1/4 OF SECTION 36, T5S, R93W, 6th P.M. TAKEN FROM THE RIFLE, QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED DISTURBANCE.

1920 Brass Cap
1.8' High
Lat: 39.409997
Long: 107.844758

25

1948 Brass Cap
4' High, Pile of
Stones
Lat: 39.416861
Long: 107.825947

Lot 1

1920 Brass Cap
0.9' High
Lat: 39.409989
Long: 107.825939

Lot 2

1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

Lot 3

Target Bottom Hole

TPR #176-25

Elev. Ungraded Ground = 9129'

500°03'52"E - 2652.87' (Meas.)

NORTH - 2640.00' (G.L.O.)

S89°57'W - 5322.30' (G.L.O.)

E 1/4 Cor Sec 24
1947 Brass Cap 2.0'
High, N-E Fence
Lat: 39.424503
Long: 107.825947

1947 Brass Cap 8"
High, Pile of Stones
Lat: 39.417244
Long: 107.825936

N00°02'35"W
2645.24' (Meas.)

N00°03'06"E - 2650.00' (Meas.)

N00°06'49"E - 2642.63' (Meas.)

42.9' SOUTH
W.C.
1920 Brass Cap
1.0' High
Lat: 39.402600
Long: 107.844742

1920 Brass Cap
1.7' High
Lat: 39.402706
Long: 107.835361

1920 Brass Cap
1.0' High
Lat: 39.402600
Long: 107.844742

True Position

N89°52'16"W - 2651.24' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

MAD 83 (TARGET BOTTOM HOLE)		MAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'26.47" (39.407353)		LATITUDE = 39°24'16.42" (39.404561)	
LONGITUDE = 107°49'48.14" (107.829483)		LONGITUDE = 107°49'58.01" (107.832781)	
MAD 27 (TARGET BOTTOM HOLE)		MAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'26.54" (39.407372)		LATITUDE = 39°24'16.49" (39.404581)	
LONGITUDE = 107°49'43.91" (107.828864)		LONGITUDE = 107°49'55.78" (107.832161)	

PDOP = 3.7



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATS, PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1920 Brass Cap
1.3' High
Lat: 39.402717
Long: 107.825950

REVISED: 07-22-13 A.D.
REVISED: 05-07-10

REGISTERED AND SIGNATORY
REGISTRATION NO. 12990
STATE OF COLORADO
07-22-13

UNITAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	03-23-10	04-16-10
PARTY	REFERENCES	
B.J. G.O. C.H.	G.L.O. PLAT	
WEATHER	FILE	
COOL	BLACK DIAMOND MINERALS, LLC	