

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO DIVIDE A TRACT OF LAND INTO TWO PARCELS FOR COVOL FUELS, A DIVISION OF HEADWATERS INCORPORATED. THE PARCELS ARE DIVIDED BY THE CENTERLINE OF A CREEK AND ARE BOUNDED BY STATE ROAD AND RAIL ROAD RIGHT OF WAYS TO THE NORTH AND SOUTH. THE BASIS OF BEARING FOR THIS SURVEY IS N.00°13'39"E. BETWEEN THE EAST QUARTER AND NORTHEAST CORNERS OF SECTION 6, TOWNSHIP 15 SOUTH, RANGE 14 EAST, SALT LAKE BASE AND MERIDIAN.

ORIGINAL LEGAL DESCRIPTION

BOOK 410, PAGE 302, CARBON COUNTY RECORDER'S OFFICE.
 BEGINNING AT A POINT NORTH 0°13'39" EAST 174.12 FEET ALONG THE SECTION LINE FROM THE EAST QUARTER CORNER OF SECTION 6, TOWNSHIP 15 SOUTH, RANGE 14 EAST, SALT LAKE BASE AND MERIDIAN, AND RUNNING THENCE SOUTHWESTERLY ALONG A CURVE TO THE RIGHT, WITH A RADIUS OF 979.93 FEET, THROUGH AN ANGLE OF 9°19'48", FOR A DISTANCE OF 159.57 FEET, HAVING A CHORD THAT BEARS SOUTH 66°47'06" WEST 159.40 FEET; THENCE SOUTH 71°27'00" WEST 4,020.79 FEET ALONG THE SOUTH LINE OF A 50 FOOT RIGHT OF WAY OF THE DENVER AND RIO GRANDE RAILROAD, AS DESCRIBED IN A CERTAIN DEED DATED JULY 29, 1929, TO THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 6; THENCE NORTH 0°50'04" EAST, ALONG SAID WEST LINE, 1,160 FEET, MORE OR LESS, TO THE SOUTH LINE OF STATE HIGHWAY 123 RIGHT-OF-WAY; THENCE EASTERLY ALONG SAID SOUTH LINE OF STATE HIGHWAY 123 RIGHT-OF-WAY TO THE EAST LINE OF SAID SECTION 6; THENCE SOUTH 0°13'39" WEST 1,400 FEET, MORE OR LESS, ALONG SAID EAST SECTION LINE TO THE POINT OF BEGINNING.
 LESS DENVER AND RIO GRANDE RAILROAD RIGHT-OF-WAY.
 SITUATE IN CARBON COUNTY, STATE OF UTAH.

PARCEL "A" DESCRIPTION

A PARCEL OF LAND SITUATED IN SECTION 6, TOWNSHIP 15 SOUTH, RANGE 14 EAST, SALT LAKE BASE AND MERIDIAN, CARBON COUNTY, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EAST LINE OF SAID SECTION 6, AND THE CENTER OF A CREEK, SAID POINT BEING 1250.84 FEET N.00°13'39"E ALONG SECTION LINE FROM THE EAST QUARTER CORNER OF SAID SECTION 6, AND RUNNING THENCE ALONG THE CENTER OF SAID CREEK THE FOLLOWING 33 COURSES: S.48°59'33"W 125.03 FEET; THENCE S.39°27'39"W 110.79 FEET; THENCE S.18°48'55"W 64.51 FEET; THENCE S.50°13'02"W 84.28 FEET; THENCE S.59°34'34"W 105.40 FEET; THENCE S.51°56'13"W 104.24 FEET; THENCE S.43°39'34"W 132.20 FEET; THENCE S.29°04'46"W 165.61 FEET; THENCE S.56°49'35"W 243.00 FEET; THENCE S.51°57'56"W 114.49 FEET; THENCE S.66°45'27"W 101.34 FEET; THENCE S.46°55'49"W 74.53 FEET; THENCE S.71°10'21"W 105.25 FEET; THENCE S.64°45'24"W 196.15 FEET; THENCE S.51°29'36"W 131.20 FEET; THENCE S.28°50'48"W 92.79 FEET; THENCE S.54°38'01"W 96.95 FEET; THENCE S.65°45'55"W 225.01 FEET; THENCE S.70°58'58"W 160.50 FEET; THENCE S.64°27'49"W 126.82 FEET; THENCE S.80°08'24"W 113.46 FEET; THENCE N.66°30'25"W 120.95 FEET; THENCE N.59°38'10"W 160.01 FEET; THENCE N.68°17'31"W 186.34 FEET; THENCE N.81°20'19"W 303.93 FEET; THENCE S.87°40'05"W 46.65 FEET; THENCE N.69°02'09"W 77.69 FEET; THENCE N.88°49'00"W 50.06 FEET; THENCE S.69°02'09"W 293.03 FEET; THENCE S.57°27'35"W 97.90 FEET; THENCE N.87°04'13"W 248.01 FEET; THENCE S.89°09'09"W 168.24 FEET; THENCE S.82°09'56"W 161.25 FEET TO THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 6; THENCE N.00°49'08"E 235.00 FEET ALONG SAID WEST LINE TO THE SOUTH LINE OF A 66 FOOT RIGHT OF WAY FOR STATE ROAD 123; THENCE ALONG SAID RIGHT OF WAY THE FOLLOWING 8 COURSES: N.79°27'54"E 869.21 FEET; THENCE N.71°11'38"E 510.45 FEET; THENCE N.70°18'32"E 350.41 FEET; THENCE N.68°32'24"E 372.39 FEET; THENCE N.64°05'51"E 71.50 FEET TO A POINT OF CURVATURE OF A 3021.00 FOOT RADIUS CURVE TO THE LEFT; THENCE 872.23 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 16°32'33" (CHORD BEARS: N.79°27'54"E 869.21); THENCE N.71°11'38"E 510.45 FEET; THENCE N.70°18'32"E 350.41 FEET; THENCE N.68°32'24"E 372.39 FEET; THENCE N.64°05'51"E 71.50 FEET TO A POINT OF CURVATURE OF A 871.00 FOOT RADIUS CURVE TO THE LEFT; THENCE NORTHEASTERLY 443.84 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 29°11'46" (CHORD BEARS: N.49°29'57"E 439.05 FEET); THENCE N.34°54'04"E 776.05 FEET TO THE EAST LINE OF SAID SECTION 6; THENCE S.00°13'39"W 423.95 FEET ALONG SAID EAST LINE TO THE POINT OF BEGINNING.

LESS: PARCEL 1B-0502-346 (JOE D. & CORDIE N. MARTINEZ).

CONTAINS 27.32 ACRES (27.21 ACRES LESS PARCEL 1B-0502-346), MORE OR LESS.

PARCEL "B" DESCRIPTION

A PARCEL OF LAND SITUATED IN SECTION 6, TOWNSHIP 15 SOUTH, RANGE 14 EAST, SALT LAKE BASE AND MERIDIAN, CARBON COUNTY, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EAST LINE OF SAID SECTION 6, AND THE SOUTH LINE OF A 50 FOOT RIGHT OF WAY OF THE DENVER AND RIO GRANDE RAILROAD, AS DESCRIBED IN A CERTAIN DEED DATED JULY 29, 1929, SAID POINT BEING 238.26 FEET N.00°13'39"E ALONG SECTION LINE FROM THE EAST QUARTER CORNER OF SAID SECTION 6, SAID POINT ALSO LIES ON A 1025.00 FOOT RADIUS CURVE TO THE RIGHT, AND RUNNING THENCE ALONG SAID RAILROAD RIGHT OF WAY LINE THE FOLLOWING 2 COURSES: SOUTHWESTERLY 214.41 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 11°59'07" (CHORD BEARS: S.87°00'01"W 214.02); THENCE S.71°15'47"W 3971.61 FEET TO THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 6; THENCE N.00°49'08"E 987.34 FEET ALONG SAID WEST LINE TO THE CENTER OF A CREEK; THENCE ALONG THE CENTER OF SAID CREEK THE FOLLOWING 33 COURSES: N.82°09'56"E 161.25 FEET; THENCE N.89°09'09"E 168.24 FEET; THENCE S.87°04'13"E 248.01 FEET; THENCE N.57°27'35"E 97.90 FEET; THENCE N.69°55'23"E 293.03 FEET; THENCE S.88°49'00"E 50.06 FEET; THENCE S.69°02'09"E 77.69 FEET; THENCE N.87°40'05"E 46.65 FEET; THENCE S.81°20'19"E 303.93 FEET; THENCE S.68°17'31"E 186.34 FEET; THENCE S.59°38'10"E 160.01 FEET; THENCE S.66°30'25"E 120.95 FEET; THENCE N.80°08'24"E 113.46 FEET; THENCE N.64°27'49"E 126.82 FEET; THENCE N.70°58'58"E 160.50 FEET; THENCE N.65°45'55"E 225.01 FEET; THENCE N.54°38'01"E 96.95 FEET; THENCE N.28°50'48"E 92.79 FEET; THENCE N.51°29'36"E 131.20 FEET; THENCE N.64°45'24"E 196.15 FEET; THENCE N.71°10'21"E 105.25 FEET; THENCE N.46°55'49"E 74.53 FEET; THENCE N.66°45'27"E 101.34 FEET; THENCE N.51°57'56"E 114.49 FEET; THENCE N.56°49'35"E 243.00 FEET; THENCE N.29°04'46"E 165.61 FEET; THENCE N.43°39'34"E 132.20 FEET; THENCE N.51°56'13"E 104.24 FEET; THENCE N.59°34'34"E 105.40 FEET; THENCE N.50°13'02"E 84.28 FEET; THENCE N.18°48'55"E 64.51 FEET; THENCE N.39°27'39"E 110.79 FEET; THENCE N.48°59'33"E 125.03 FEET TO THE EAST LINE OF SAID SECTION 6; THENCE S.00°13'39"W 1012.59 FEET ALONG SAID EAST LINE TO THE POINT OF BEGINNING.

LESS: THE DENVER AND RIO GRANDE RAILROAD RIGHT OF WAY, AND PARCEL 1B-0502-2 (EAST CARBON CITY).

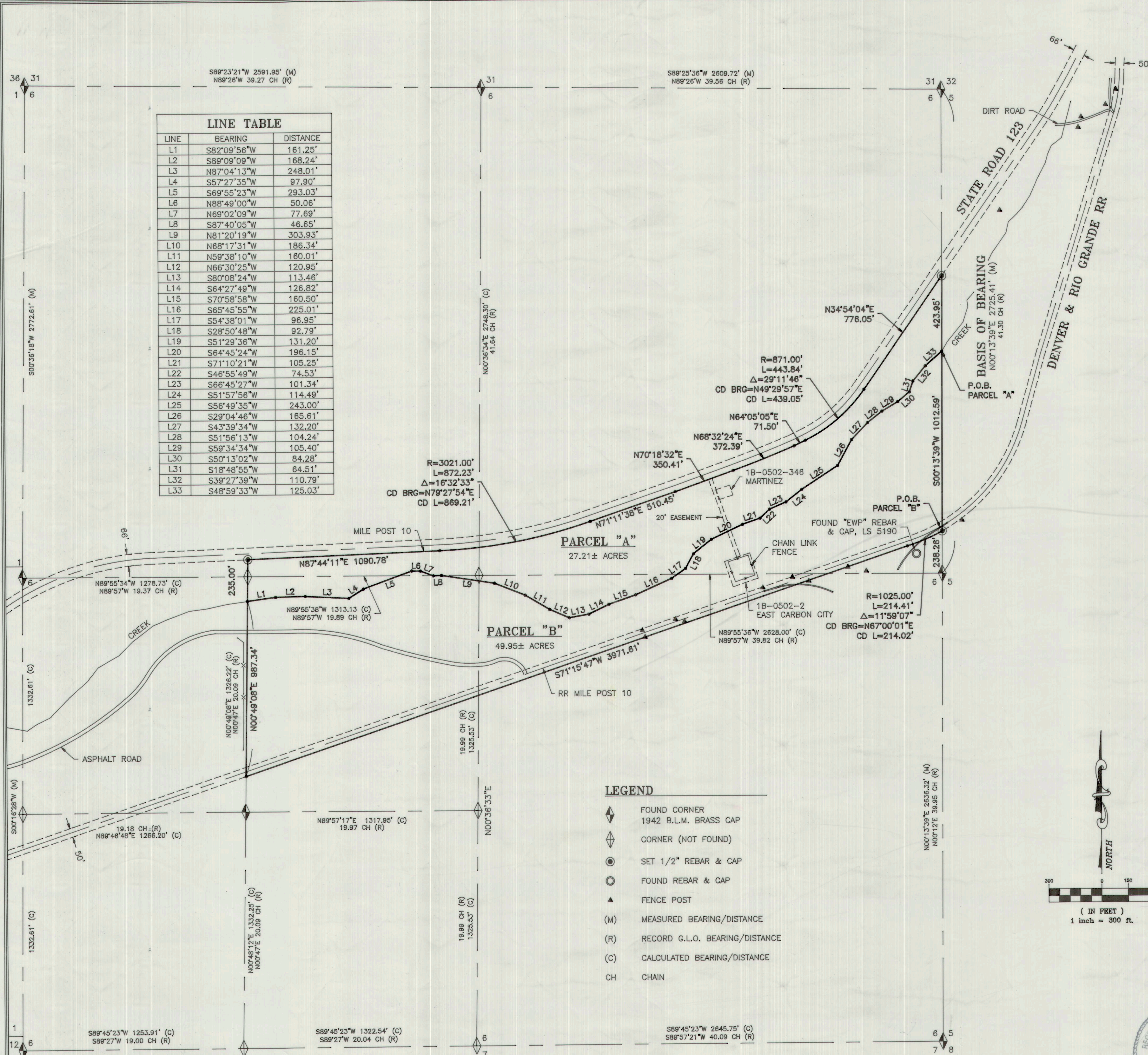
CONTAINS 55.28 ACRES (49.95 ACRES LESS RAILROAD RIGHT OF WAY AND PARCEL 1B-0502-2), MORE OR LESS.

CERTIFICATE OF SURVEY

I, BRUCE T. S. WARE, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, CERTIFICATE NO. 153834 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. IT DOES NOT PURPORT TO SHOW ALL EASEMENTS OF RECORD, NOR IS IT PROOF OF OWNERSHIP.

DATE: Feb. 27, 2003

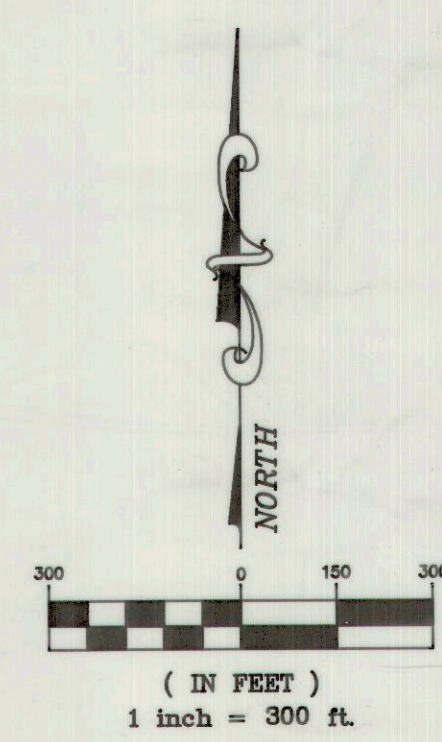
Bruce T. S. Ware, Mgr.
 BRUCE T. S. WARE, MGR.



LINE TABLE

LINE	BEARING	DISTANCE
L1	S82°09'56"W	161.25'
L2	S89°09'09"W	168.24'
L3	N87°04'13"W	248.01'
L4	S57°27'35"W	97.90'
L5	S69°55'23"W	293.03'
L6	N88°49'00"W	50.06'
L7	N69°02'09"W	77.69'
L8	S87°40'05"W	46.65'
L9	N81°20'19"W	303.93'
L10	N68°17'31"W	186.34'
L11	N59°38'10"W	160.01'
L12	N66°30'25"W	120.95'
L13	S80°08'24"W	113.46'
L14	S64°27'49"W	126.82'
L15	S70°58'58"W	160.50'
L16	S65°45'55"W	225.01'
L17	S54°38'01"W	96.95'
L18	S28°50'48"W	92.79'
L19	S51°29'36"W	131.20'
L20	S64°45'24"W	196.15'
L21	S71°10'21"W	105.25'
L22	S46°55'49"W	74.53'
L23	S66°45'27"W	101.34'
L24	S51°57'56"W	114.49'
L25	S56°49'35"W	243.00'
L26	S29°04'46"W	165.61'
L27	S43°39'34"W	132.20'
L28	S51°56'13"W	104.24'
L29	S59°34'34"W	105.40'
L30	S50°13'02"W	84.28'
L31	S18°48'55"W	64.51'
L32	S39°27'39"W	110.79'
L33	S48°59'33"W	125.03'

- LEGEND**
- ◆ FOUND CORNER
 - ◆ 1942 B.L.M. BRASS CAP
 - ◇ CORNER (NOT FOUND)
 - SET 1/2" REBAR & CAP
 - FOUND REBAR & CAP
 - ▲ FENCE POST
 - (M) MEASURED BEARING/DISTANCE
 - (R) RECORD G.L.O. BEARING/DISTANCE
 - (C) CALCULATED BEARING/DISTANCE
 - CH CHAIN



REVISIONS

NO.	DATE	BY	REVISION

DRAWN BY: M.C.W.
 DESIGN BY: B.T.S.W.
 CHECKED BY: B.T.S.W.
 DATE OF SURVEY: 02-27-03

CLIENT: COVOL FUELS
 DWG: D:\SOFTWARE\PROJ\COVOL001\DWG\COVOL001
 JOB NO: COVOL_03_001

WARE SURVEYING, L.L.C.

2223 N. 1200 W.
 HELPER, UT 84526
 TEL (435) 637-2620

PROPERTY SURVEY FOR:
COVOL FUELS
 10653 S. RIVERFRONT PKWY. STE. 300, SOUTH JORDAN, UT

SECTION 6,
 TOWNSHIP 15 SOUTH,
 RANGE 14 EAST,
 S. L. B. & M.