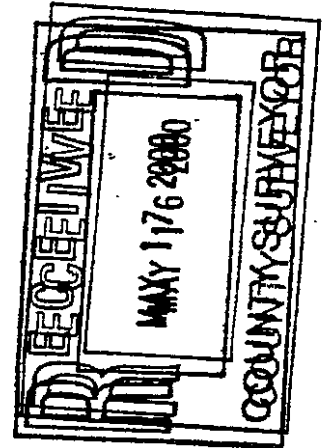


DEPARTMENT OF NATURAL RESOURCES

Bureau of Engineering
1601 Minnesota Drive
Brainerd, MN 56401
(218) 828-2445
Fax: (218) 825-2187



fax

transmittal

to: Bob Kovanen, Co. Surveyor

fax: 218-547-1099

from: John D. Walker
Region 3 Land Surveyor

date: 5/17/2000

re: SE-Cor. Sec 36, T137, R31

pages: 9

T 137
R 31

NOTES: Bob, here are the ties for this corner, traverse from this corner to ~~the~~ corners east & west and Co. Cond. of points located. We started this survey, but Forestry ~~and~~ adjoining area decided to use a Compass line as the boundary, so we pulled out. On second thought, I'll fax ties to the other corner we located that were tied out.
SW 1/4 Sec 11, T136, R31; NE Sec 6 T136 R30; SE Sec 18, T136 R30;
SE. sec ¹³ T136 R31; NW Sec 11, T136, R31
Thanks for the info on Coal Lake!

2

MOOSE LAKE TOWNSHIP FO-95-24

701 B34

708 WIGGLE RESECTION

704 B39

7010

708 B39

7011

RECEIVED

MAY 17 2000

COUNTY SURVEYOR

① 695 PT 804 NE 56 T136 R30

② 695 PT 808 SE 56 T137 R31

③ RH. WIGGLE PT BETWEEN 804 & 808 S.E. 5 & E-W GRAY RD IN

LINE W/ TRAILS FORMER PIP TO S. ALSO RESECTIONED D.I.

HE DIST

9-4 4454.42

9-8 4581.08

TOT 304 9088.50

INV 695 = 7038.53

④ SE COR SEC 82 T137 R30

FIND 3 "SQUARE MONUMENT" STAMPED "COUNTY SURVEYOR" ON S. R16 E-W-N

⑤ 4" DIA 2" IRON PIPE IN IRREGULAR

CONCRETE MASS LEADING TO S.E. DN 2.0

USED THIS POSITION TO HELP SEARCH

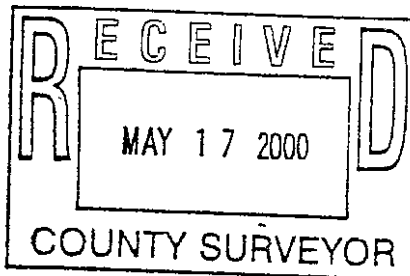
FOR CORNERS TO S. OLD PIPE IS 10' S & E-W GRAY RD

NE COR SEC 82 T136 R31

Job ID : MOS
 Job name : Moose Lake Township
 Description :
 Reference :
 Field surveyor :
 Computer operator :
 Date printed : 23/01/96 9:41am

1-23-96

Pt No.	Northing	Easting	Elev	Code	Description
1	277800.578	533555.561	1261.550	JENK	
2	267694.304	478570.851	1443.800	N411	
3	262386.270	478657.464	1443.040	N414	
4	273230.558	491997.815	1417.090	NES6	
5	262083.399	538862.062	1279.490	PEQT	
6	257041.065	486668.632	1397.900	SE 13 13	
7	256923.209	492166.451	1375.460	SE18	
8	273138.512	482959.750	1430.410	SE36	
9	273185.168	487543.612	1423.750	201	
10	273244.605	493526.845	1417.090	222.80	SE-Sec 32 T137R30
11	273115.251	481176.484	1430.410	299	NE Sec. 2



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
 BUREAU OF ENGINEERING - SURVEY UNIT
 GPS STATIC SURVEY SESSION LOG

Date: 6/1/95
 Time: From 11:15 To 11:45
 Observer: RAJ
 Receiver: 2165 Serial No: 4000 ST

File Name: Point/Day/Session: N411/102/2
 N411 5E36 NE56

Reference Position:

Latitude =
 Longitude =
 Elevation =

GPS Position:

Lat =
 Height = Long =

Antenna Information:

Height(1) = 1.618 (m) Height(2) =
 Type: Internal ST Kinematic Geodetic L1/L2

Battery [|||||]

Satellites Observed:

Project: Moose Lake Township

DECEMBER

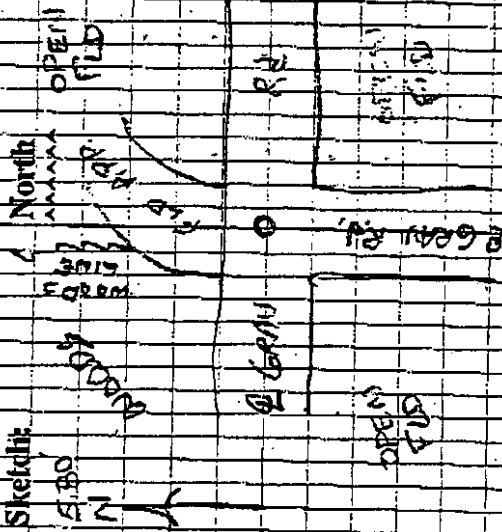
MAY 1 / 2000

COUNTY SURVEY

MINNESOTA DEPARTMENT OF NATURAL RESOURCES
 BUREAU OF ENGINEERING - SURVEY UNIT
 GPS SURVEY POINT DATA LOG

Date: 6/1/95 Observer: RAJ
 Point: N411
 Description: N41 SHI SET IRR SPK
 ELEV: OPEN N41 P GRAY RALS
 SUB 2" X 4" GRAY PIPE 14" X 6" IN
 CIR FUD APP N.

Sketch:



Project: Moose Lake Township

Pg.

RECEIVED

MAY 17 2000

MINNESOTA DEPARTMENT OF NATURAL RESOURCES
BUREAU OF ENGINEERING - SURVEY UNIT
GPS STATIC SURVEY SESSION LOG

Date: 5/16/95

Time: From 9:00 To 10:00 CDT CST

Observer: PJA OLL

Receiver: 309 Serial No: 4000.57

File Name: Point/Day/Session: SE36 | 152 | 1
SE36 NE36 REG, VENK

Reference Position:

Latitude = " " " " " " " "
Longitude = " " " " " " " "
Elevation = " " " " " " " "

GPS Position:

Lat = 46° 37' 51.43" Long = 14° 32' 04.37"
Height = 480.0 (m)

Antenna Information:

Height(1) = 1753 (m) Height(2) = ()
Type: Internals Kinematic Geodetic Li12

Battery [|||||]

Satellites Observed:

31, 19, 28, 18, 27, 29

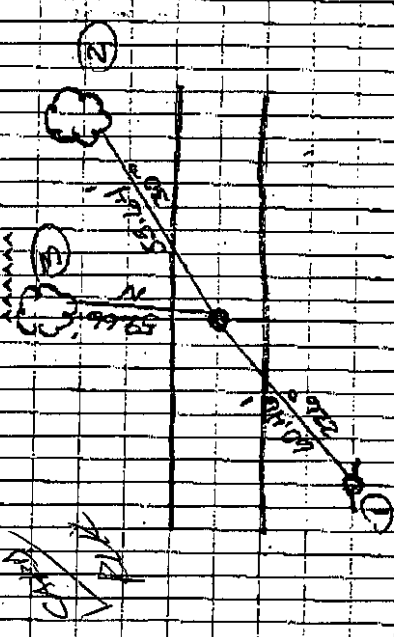
Project: Moose Lk Twp 54P Pg. _____

MINNESOTA DEPARTMENT OF NATURAL RESOURCES
BUREAU OF ENGINEERING - SURVEY UNIT
GPS SURVEY POINT DATA LOG

Date: 5/16/95 Observer: PJA OLL

Point: _____
Description: SE 36 - 152 - 3
FORM 6M CASE CO MEW
ON E-W & RHO Rd

Sketch:



- ① DNR RP UP 2' N SIDE PP
- ② DNR RP UP 1' SE SIDE 10' ASH
- ③ DNR RP UP 1' E SIDE 8' OAK

Project: Moose Lk Twp 54P Pg. _____