

Wayland, Joshua

From: Environmental Analysis
Sent: Tuesday, April 13, 2021 8:27 AM
To: Wayland, Joshua
Subject: FW: [JIRA] (IMOV-7800) CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)
Attachments: MtAiry-NGS MAP_DATASHEET.pdf

From: deborah.brooks <ngs.infocenter@noaa.gov>
Sent: Thursday, March 25, 2021 6:48 PM
To: sea@stb.dot.gov
Subject: [JIRA] (IMOV-7800) CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)

(IMOV-7800) CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)

Attachment: MtAiry-NGS MAP_DATASHEET.pdf

 [Add Comment](#)

National Geodetic Survey

Wayland, Joshua

From: Environmental Analysis
Sent: Tuesday, April 13, 2021 8:26 AM
To: Wayland, Joshua
Subject: FW: [JIRA] (IMOV-7800) CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)

From: deborah.brooks <ngs.infocenter@noaa.gov>
Sent: Thursday, March 25, 2021 6:56 PM
To: sea@stb.dot.gov
Subject: [JIRA] (IMOV-7800) CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)

A comment is added on your issue:

Re: CSX Transportation, Inc.--Abandonment Exemption--in Frederick County, MD STB Docket No. AB-55 (Sub-No. 804X)

Good Evening Atty. Yasbin,

A search of NGS' database located 00 geodetic survey markers that would be impacted in the proposed abandonment area. However, there are TWO marks in close proximity. Care should be exercised to not disturb these marks.

The attached file **MtAiry-NGS MAP_DATASHEET.pdf** contains a map showing the two marks and their datasheets..

Regards,
Deborah Brooks
NGS Infocenter
301-713-3242

National Geodetic Survey

The NGS Data Sheet

See file dsdata.pdf for more information about the datasheet.

PROGRAM = datasheet95, VERSION = 8.12.5.12

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = MARCH 24, 2021

EC2938 *****

EC2938 FBN - This is a Federal Base Network Control Station.

EC2938 DESIGNATION - SURVEYS

EC2938 PID - EC2938

EC2938 STATE/COUNTY- SC/RICHLAND

EC2938 COUNTRY - US

EC2938 USGS QUAD - COLUMBIA NORTH (2017)

EC2938

EC2938 *CURRENT SURVEY CONTROL

EC2938

EC2938* NAD 83(2011) POSITION- 34 04 49.30959(N) 081 07 15.40283(W) ADJUSTED

EC2938* NAD 83(2011) ELLIP HT- 68.184 (meters) (06/27/12) ADJUSTED

EC2938* NAD 83(2011) EPOCH - 2010.00

EC2938* NAVD 88 ORTHO HEIGHT - 98.988 (meters) 324.76 (feet) ADJUSTED

EC2938

EC2938 GEOID HEIGHT - -30.803 (meters) GEOID18

EC2938 NAD 83(2011) X - 816,248.788 (meters) COMP

EC2938 NAD 83(2011) Y - -5,224,951.468 (meters) COMP

EC2938 NAD 83(2011) Z - 3,553,871.479 (meters) COMP

EC2938 LAPLACE CORR - -2.06 (seconds) DEFLEC18

EC2938 DYNAMIC HEIGHT - 98.889 (meters) 324.44 (feet) COMP

EC2938 MODELED GRAVITY - 979,634.4 (mgal) NAVD 88

EC2938

EC2938 VERT ORDER - FIRST CLASS II

EC2938

EC2938 Network accuracy estimates per FGDC Geospatial Positioning Accuracy

EC2938 Standards:

EC2938 FGDC (95% conf, cm) Standard deviation (cm) CorrNE

EC2938 Horiz Ellip SD_N SD_E SD_h (unitless)

EC2938 -----

EC2938 NETWORK 0.21 0.41 0.09 0.08 0.21 -0.00159485

EC2938 -----

EC2938 Click here for local accuracies and other accuracy information.

EC2938

EC2938

EC2938.The horizontal coordinates were established by GPS observations

EC2938.and adjusted by the National Geodetic Survey in June 2012.

EC2938

EC2938.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has

EC2938.been affixed to the stable North American tectonic plate. See

EC2938.NA2011 for more information.

EC2938

EC2938.The horizontal coordinates are valid at the epoch date displayed above

EC2938.which is a decimal equivalence of Year/Month/Day.

EC2938

EC2938.The orthometric height was determined by differential leveling and

EC2938.adjusted by the NATIONAL GEODETIC SURVEY

EC2938.in March 1994.

EC2938

EC2938.Significant digits in the geoid height do not necessarily reflect accuracy.

EC2938.GEOID18 height accuracy estimate available here.

EC2938

EC2938.Click photographs - Photos may exist for this station.

EC2938

EC2938.The X, Y, and Z were computed from the position and the ellipsoidal ht.

EC2938

EC2938.The Laplace correction was computed from DEFLEC18 derived deflections.

EC2938

EC2938.The ellipsoidal height was determined by GPS observations

EC2938.and is referenced to NAD 83.

EC2938

EC2938.The dynamic height is computed by dividing the NAVD 88

EC2938.geopotential number by the normal gravity value computed on the

EC2938.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

EC2938.degrees latitude ($g = 980.6199$ gals.).

EC2938

EC2938.The modeled gravity was interpolated from observed gravity values.

EC2938

EC2938. The following values were computed from the NAD 83(2011) position.

EC2938

EC2938; North East Units Scale Factor Converg.

EC2938;SPC SC - 249,194.097 598,439.054 MT 0.99981930 -0 04 01.4

EC2938;SPC SC - 817,565.94 1,963,382.72 iFT 0.99981930 -0 04 01.4

EC2938;UTM 17 - 3,771,073.211 488,841.496 MT 0.99960153 -0 04 04.0

EC2938

EC2938! - Elev Factor x Scale Factor = Combined Factor

EC2938!SPC SC - 0.99998930 x 0.99981930 = 0.99980860

EC2938!UTM 17 - 0.99998930 x 0.99960153 = 0.99959083

EC2938

EC2938: Primary Azimuth Mark Grid Az

EC2938:SPC SC - SURVEYS AZ MK 218 08 32.3

EC2938:UTM 17 - SURVEYS AZ MK 218 08 34.9

EC2938

EC2938_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SMT8884171073(NAD 83)

EC2938

EC2938|-----|

EC2938|PID Reference Object Distance Geod. Az |

EC2938| dddmmss.s |

EC2938|EC2939 SURVEYS AZ MK APPROX. 0.7 KM 2180430.9 |

EC2938|-----|

EC2938

EC2938 SUPERSEDED SURVEY CONTROL

EC2938

EC2938 NAD 83(2007)- 34 04 49.30949(N) 081 07 15.40361(W) AD(2002.00) 0

EC2938 ELLIP H (02/10/07) 68.218 (m) GP(2002.00)

EC2938 NAD 83(2001)- 34 04 49.30949(N) 081 07 15.40362(W) AD() A

EC2938 ELLIP H (09/24/02) 68.224 (m) GP() 4 1

EC2938 NAD 83(1995)- 34 04 49.30962(N) 081 07 15.40365(W) AD() B

EC2938 ELLIP H (09/11/96) 68.214 (m) GP() 4 1

EC2938 NAD 83(1986)- 34 04 49.32481(N) 081 07 15.40459(W) AD() 1

EC2938 NAVD 88 98.99 (m) 324.8 (f) LEVELING 3

EC2938 NGVD 29 (08/04/92) 99.2 (m) GEOID90 model used GPS OBS

EC2938

EC2938.Superseded values are not recommended for survey control.

EC2938

EC2938.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

EC2938.See file dsdata.pdf to determine how the superseded data were derived.

EC2938

EC2938_MARKER: DD = SURVEY DISK

EC2938_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

EC2938_STAMPING: SURVEYS 1989

EC2938_MARK LOGO: SCGS

EC2938_PROJECTION: RECESSED 5 CENTIMETERS

EC2938_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

EC2938_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

EC2938_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

EC2938+SATELLITE: SATELLITE OBSERVATIONS - October 15, 2013

EC2938

EC2938 HISTORY - Date Condition Report By

EC2938 HISTORY - 1989 MONUMENTED SCGS

EC2938 HISTORY - 19910122 GOOD

EC2938 HISTORY - 19930119 GOOD SCGS

EC2938 HISTORY - 19950131 GOOD SCGS

EC2938 HISTORY - 19960115 GOOD SCGS

EC2938 HISTORY - 19960208 GOOD GEOMET

EC2938 HISTORY - 19960226 GOOD SCGS

EC2938 HISTORY - 19961008 GOOD SCGS

EC2938 HISTORY - 19970207 GOOD SCGS

EC2938 HISTORY - 20010620 GOOD SCGS

EC2938 HISTORY - 20011220 GOOD SCGS

EC2938 HISTORY - 20060301 GOOD SCGS

EC2938 HISTORY - 20120830 GOOD SCGS

EC2938 HISTORY - 20131015 GOOD SCGS

EC2938

EC2938 STATION DESCRIPTION

EC2938

EC2938'DESCRIBED BY SOUTH CAROLINA GEODETIC SURVEY 1989

EC2938'STATION IS LOCATED 3.5 MILES EAST OF IRMO, 7.25 MILES NORTHWEST OF
EC2938'COLUMBIA. OWNERSHIP--SOUTH CAROLINA GEODETIC SURVEY, NO 5 GEOLOGY
EC2938'ROAD, COLUMBIA, SC 29210, PHONE 803-737-9440.

EC2938'TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAY 176 (BROAD
EC2938'RIVER ROAD) AND STATE HIGHWAY 60 (NEWBERRY AVENUE), 2.2 MILES EAST OF
EC2938'IRMO, GO SOUTHEAST ON HIGHWAY 176 FOR 1.35 MILES TO THE JUNCTION OF
EC2938'GEOLOGY ROAD ON THE LEFT (ENTRANCE TO HIGHWAY PATROL ACADEMY), TURN
EC2938'LEFT ON GEOLOGY ROAD FOR 0.4 MILE TO THE STATION ON THE LEFT IN A
EC2938'GRASSY MEDIAN IN FRONT OF THE SOUTH CAROLINA GEODETIC SURVEY OFFICE
EC2938'BUILDING.

EC2938'STATION IS A CONCRETE POST FLUSH WITH THE GROUND AND 1.5 FEET ABOVE
EC2938'THE ROAD, 39.0 FEET NORTHWEST OF THE CENTER OF GEOLOGY ROAD, 102.8
EC2938'FEET EAST SOUTHEAST OF THE SOUTH CORNER OF THE BUILDING, 106.6 FEET
EC2938'SOUTH SOUTHEAST OF THE NORTHEAST CORNER OF THE BUILDING, 22.3 FEET
EC2938'NORTH NORTHEAST OF A FIRE HYDRANT, 19.0 FEET SOUTHWEST OF A METAL
EC2938'LAMP POST.

EC2938'NOTE-USE TALL TRIPOD SETUP FOR LESS OBSTRUCTIONS.

EC2938'DESCRIBED BY D.D. WOODS.

EC2938
 EC2938 STATION RECOVERY (1991)
 EC2938
 EC2938'RECOVERED 1991
 EC2938'RECOVERED IN GOOD CONDITION.
 EC2938
 EC2938 STATION RECOVERY (1993)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1993
 EC2938'RECOVERED IN GOOD CONDITION.
 EC2938
 EC2938 STATION RECOVERY (1995)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1995 (DDW)
 EC2938'STATION IS LOCATED 3.5 MILES (5.6 KM) EAST OF IRMO, 7.25 MILES (11.67
 EC2938'KM) NORTHWEST OF COLUMBIA. OWNERSHIP--SOUTH CAROLINA GEODETIC SURVEY,
 EC2938'5 GEOLOGY ROAD, COLUMBIA, SC 29210, PHONE 803-896-7706. TO REACH THE
 EC2938'STATION FROM THE JUNCTION OF U.S. HIGHWAY 176 (BROAD RIVER ROAD) AND
 EC2938'STATE HIGHWAY 60 (LAKE MURRAY BOULEVARD), 2.2 MILES (3.5 KM) EAST OF
 EC2938'IRMO, GO SOUTHEAST ON HIGHWAY 176 FOR 1.35 MILES (2.17 KM) TO A PAVED
 EC2938'ROAD LEFT (GEOLOGY ROAD), TURN LEFT ON GEOLOGY ROAD FOR 0.4 MILES (0.6
 EC2938'KM) TO THE STATION ON THE LEFT IN FRONT OF THE PARKING AREA FOR THE
 EC2938'SOUTH CAROLINA GEODETIC SURVEY BUILDING. STATION IS A CONCRETE POST
 EC2938'FLUSH WITH THE GROUND AND 1.5 FEET (0.5 M) ABOVE THE ROAD, 39.0 FEET
 EC2938'(11.9 M) NORTHWEST OF THE CENTER OF THE ROAD, 102.8 FEET (31.3 M) EAST
 EC2938'SOUTHEAST OF THE SOUTH CORNER OF THE BUILDING, 106.6 FEET (32.5 M)
 EC2938'SOUTH SOUTHEAST OF THE NORTHEAST CORNER OF THE BUILDING, 22.3 FEET
 EC2938'(6.8 M) NORTH NORTHEAST OF A FIRE HYDRANT, 19.0 FEET (5.8 M) SOUTHWEST
 EC2938'OF A METAL LAMP POST. RECOVERED BY R.W. ROBERTS.
 EC2938
 EC2938 STATION RECOVERY (1996)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1996 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (1996)
 EC2938
 EC2938'RECOVERY NOTE BY GEOMETRICS GPS INCORPORATED 1996 (JL)
 EC2938'GOOD GPS.
 EC2938
 EC2938 STATION RECOVERY (1996)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1996 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (1996)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1996 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (1997)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 1997 (DDW)
 EC2938'RECOVERED AS DESCRIBED.

EC2938
 EC2938 STATION RECOVERY (2001)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2001 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (2001)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2001 (DDW)
 EC2938'STATION IS LOCATED 3.6 MILES EAST OF IRMO, 7.4 MILES NORTHWEST OF
 EC2938'COLUMBIA.
 EC2938'OWNERSHIP--SOUTH CAROLINA GEODETIC SURVEY, 5 GEOLOGY ROAD, COLUMBIA,
 EC2938'SC 29212,
 EC2938'PHONE 803-896-7700.
 EC2938'
 EC2938'TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAY 176 (BROAD
 EC2938'RIVER ROAD),
 EC2938'AND STATE HIGHWAY 60 (LAKE MURRAY BOULEVARD), 2.2 MILES EAST OF IRMO,
 EC2938'GO SOUTHEAST ON
 EC2938'HIGHWAY 176 FOR 1.35 MILES TO THE JUNCTION OF GEOLOGY ROAD LEFT
 EC2938'(ENTRANCE TO
 EC2938'HIGHWAY PATROL ACADEMY), TURN LEFT ON GEOLOGY ROAD FOR 0.45 MILE TO
 EC2938'THE
 EC2938'STATION ON THE LEFT IN GRASSY AREA IN FRONT OF THE SOUTH CAROLINA
 EC2938'MAPPING SERVICES/SOUTH CAROLINA GEODETIC SURVEY OFFICE BUILDING.
 EC2938'
 EC2938'STATION IS A CONCRETE POST FLUSH WITH THE GROUND AND 1.5 FEET ABOVE
 EC2938'THE ROAD,
 EC2938'39.0 FEET NORTH NORTHWEST OF THE CENTER OF GEOLOGY ROAD, 103.0 FEET
 EC2938'SOUTHEAST OF THE SOUTH CORNER OF THE BUILDING, 107.0 FEET SOUTH OF THE
 EC2938'EAST
 EC2938'CORNER OF THE BUILDING, 22.5 FEET NORTH NORTHEAST OF A FIRE HYDRANT
 EC2938'NUMBER
 EC2938'05795, 19.0 FEET SOUTHWEST OF A METAL LAMP POST.
 EC2938'
 EC2938'NOTE-STATION IS INTERVISIBLE WITH SURVEY STATION SURVEYS AZ MK.
 EC2938'
 EC2938'RECOVERED BY T. HALL.
 EC2938
 EC2938 STATION RECOVERY (2006)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2006 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (2012)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2012 (DDW)
 EC2938'RECOVERED AS DESCRIBED.
 EC2938
 EC2938 STATION RECOVERY (2013)
 EC2938
 EC2938'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2013 (DDW)
 EC2938'STATION IS LOCATED 7.4 MI (11.9 KM) NORTHWEST OF COLUMBIA, 6.6 MI
 EC2938'(10.7 KM) NORTH-NORTHWEST OF WEST COLUMBIA, 3.6 MI (5.8 KM) EAST OF

EC2938'IRMO. OWNERSHIP--SOUTH CAROLINA GEODETIC SURVEY, 5 GEOLOGY ROAD,
EC2938'COLUMBIA, SC 29212. TO REACH THE STATION FROM THE JUNCTION OF U.S.
EC2938'HIGHWAY 176 (BROAD RIVER ROAD) AND STATE HIGHWAY 60 (LAKE MURRAY
EC2938'BOULEVARD), 2.2 MI (3.5 KM) EAST OF IRMO, GO SOUTHEAST ON HIGHWAY 176
EC2938'FOR 1.3 MI (2.1 KM) TO THE JUNCTION OF GEOLOGY ROAD, TURN LEFT ON
EC2938'GEOLOGY ROAD FOR 0.4 MI (0.6 KM) TO THE STATION ON THE LEFT NEAR THE
EC2938'SOUTHEAST EDGE OF THE PARKING LOT FOR A STUCCO BUILDING (SOUTH
EC2938'CAROLINA GEODETIC SURVEY AND THE SOUTH CAROLINA GEOLOGICAL SURVEY).
EC2938'STATION IS A CONCRETE POST RECESSED 0.2 FT (6 CM) AND 1.5 FT (0.5 M)
EC2938'ABOVE THE ROAD, 39.1 FT (11.9 M) NORTHWEST OF THE CENTER OF THE ROAD,
EC2938'8.9 FT (2.7 M) SOUTHEAST OF THE SOUTHEAST EDGE OF THE ASPHALT CURB OF
EC2938'THE PARKING LOT, 19.1 FT (5.8 M) SOUTHWEST OF A METAL SECURITY LIGHT
EC2938'POLE, 22.3 FT (6.8 M) NORTH-NORTHEAST OF A FIRE HYDRANT, 51.8 FT (15.8
EC2938'M) WEST-SOUTHWEST OF A POWER POLE NUMBER 0292764 WITH SECURITY LIGHT.
EC2938'RECOVERED BY R.P. MCKEOWN.

*** retrieval complete.

Elapsed Time = 00:00:02

The NGS Data Sheet

See file dsdata.pdf for more information about the datasheet.

PROGRAM = datasheet95, VERSION = 8.12.5.12

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = MARCH 24, 2021

JV2128 *****

JV2128 DESIGNATION - P 45

JV2128 PID - JV2128

JV2128 STATE/COUNTY- MD/CARROLL

JV2128 COUNTRY - US

JV2128 USGS QUAD - LIBERTYTOWN (2016)

JV2128

JV2128 *CURRENT SURVEY CONTROL

JV2128

JV2128* NAD 83(1986) POSITION- 39 22 37.0 (N) 077 09 15.3 (W) HD_HELD2

JV2128* NAVD 88 ORTHO HEIGHT - 232.644 (meters) 763.27 (feet) ADJUSTED

JV2128

JV2128 GEOID HEIGHT - -31.951 (meters) GEOID18

JV2128 DYNAMIC HEIGHT - 232.521 (meters) 762.86 (feet) COMP

JV2128 MODELED GRAVITY - 980,093.5 (mgal) NAVD 88

JV2128

JV2128 VERT ORDER - FIRST CLASS II

JV2128

JV2128.The horizontal coordinates were established by autonomous hand held GPS

JV2128.observations and have an estimated accuracy of +/- 10 meters.

JV2128.

JV2128.The orthometric height was determined by differential leveling and

JV2128.adjusted by the NATIONAL GEODETIC SURVEY

JV2128.in June 1991.

JV2128

JV2128.Significant digits in the geoid height do not necessarily reflect accuracy.

JV2128.GEOID18 height accuracy estimate available here.

JV2128

JV2128.Click photographs - Photos may exist for this station.

JV2128

JV2128.The dynamic height is computed by dividing the NAVD 88

JV2128.geopotential number by the normal gravity value computed on the

JV2128.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

JV2128.degrees latitude (g = 980.6199 gals.).

JV2128

JV2128.The modeled gravity was interpolated from observed gravity values.

JV2128

JV2128; North East Units Estimated Accuracy

JV2128;SPC MD - 189,864. 386,709. MT (+/- 10 meters HH2 GPS)

JV2128

JV2128_U.S. NATIONAL GRID SPATIAL ADDRESS: 18SUJ1444460821(NAD 83)

JV2128

JV2128 SUPERSEDED SURVEY CONTROL

JV2128

JV2128 NGVD 29 (11/26/84) 232.840 (m) 763.91 (f) ADJUSTED 1 2

JV2128

JV2128.Superseded values are not recommended for survey control.

JV2128

JV2128.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

JV2128.See file dsdata.pdf to determine how the superseded data were derived.

JV2128

JV2128_MARKER: DB = BENCH MARK DISK

JV2128_SETTING: 36 = SET IN A MASSIVE STRUCTURE

JV2128_SP_SET: BUILDING

JV2128_STAMPING: P 45 1941

JV2128_MARK LOGO: CGS

JV2128_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

JV2128_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR

JV2128+SATELLITE: SATELLITE OBSERVATIONS - May 22, 2014

JV2128

JV2128 HISTORY - Date Condition Report By

JV2128 HISTORY - 1941 MONUMENTED CGS

JV2128 HISTORY - 1969 GOOD CGS

JV2128 HISTORY - 20040404 GOOD URS

JV2128 HISTORY - 20050525 GOOD USPSQD

JV2128 HISTORY - 20100808 GOOD GEOCAC

JV2128 HISTORY - 20140522 GOOD RODCON

JV2128

JV2128 STATION DESCRIPTION

JV2128

JV2128'DESCRIBED BY COAST AND GEODETIC SURVEY 1941

JV2128'AT MOUNT AIRY.

JV2128'AT MOUNT AIRY, CARROLL COUNTY, IN THE SOUTH FACE OF THE BALTIMORE

JV2128'AND OHIO RAILROAD STATION, 15.7 FEET EAST OF THE SOUTHWEST

JV2128'CORNER, 35.0 FEET NORTH OF THE NORTH RAIL OF THE MAIN TRACK,

JV2128'AND ABOUT 4.3 FEET ABOVE THE PLATFORM. A STANDARD DISK, STAMPED

JV2128'P 45 1941 AND SET VERTICALLY.

JV2128

JV2128 STATION RECOVERY (1969)

JV2128

JV2128'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1969

JV2128'RECOVERED IN GOOD CONDITION.

JV2128

JV2128 STATION RECOVERY (2004)

JV2128

JV2128'RECOVERY NOTE BY URS COMPANY 2004 (SB)

JV2128'RAILROAD STATION IS NOW MT. AIRY PHARMACY.

JV2128'TRACKS HAVE BEEN REMOVED

JV2128

JV2128 STATION RECOVERY (2005)

JV2128

JV2128'RECOVERY NOTE BY US POWER SQUADRON 2005 (BRE)

JV2128'BUILDING NOW HAS SIGN OF MT. AIRY PHARMACY AND ALSO MT. AIRY MEDICAL

JV2128'STATION ON WEST FACE.

JV2128

JV2128 STATION RECOVERY (2010)

JV2128

JV2128'RECOVERY NOTE BY GEOCACHING 2010 (MFM)

JV2128'RECOVERED IN GOOD CONDITION.

JV2128

JV2128 STATION RECOVERY (2014)

JV2128

JV2128'RECOVERY NOTE BY RODGERS CONSULTING INC 2014 (JMB)

JV2128'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:01