

1 National Geodetic Survey, Retrieval Date = August 6, 2007  
 JV4824 \*\*\*\*\*

**P9120**

JV4824 DESIGNATION - WHITEFORD  
 JV4824 PID - JV4824  
 JV4824 STATE/COUNTY- MD/HARFORD  
 JV4824 USGS QUAD - DELTA (1990)

JV4824 \*CURRENT SURVEY CONTROL

JV4824\* NAD 83(1991)- 39 42 34.60176(N) 076 20 03.97448(W) ADJUSTED  
 JV4824\* NAVD 88 - 245.8 (meters) 806. (feet) VERTCON

JV4824 LAPLACE CORR- -2.58 (seconds) DEFLEC99  
 JV4824 GEOID HEIGHT- -32.75 (meters) GEOID03

JV4824 HORZ ORDER - SECOND

JV4824.The horizontal coordinates were established by classical geodetic methods

JV4824.and adjusted by the National Geodetic Survey in January 1992.

JV4824.The NAVD 88 height was computed by applying the VERTCON shift value to JV4824.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

JV4824.The Laplace correction was computed from DEFLEC99 derived deflections.

JV4824.The geoid height was determined by GEOID03.

JV4824;		North	East	Units	Scale	Factor	Converg.
JV4824;SPC MD	-	226,996.267	457,077.656	MT	1.00005574	+0 25 03.8	
JV4824;SPC MD	-	744,736.92	1,499,595.61	sFT	1.00005574	+0 25 03.8	
JV4824;SPC PA S	-	42,753.215	721,390.804	MT	1.00004251	+0 55 06.3	
JV4824;SPC PA S	-	140,266.17	2,366,763.00	sFT	1.00004251	+0 55 06.3	
JV4824;UTM 18	-	4,396,378.910	385,609.866	MT	0.99976110	-0 51 09.6	

JV4824!		Elev Factor	x	Scale Factor	=	Combined Factor
JV4824!SPC MD	-	0.99996658	x	1.00005574	=	1.00002232
JV4824!SPC PA S	-	0.99996658	x	1.00004251	=	1.00000909
JV4824!UTM 18	-	0.99996658	x	0.99976110	=	0.99972769

JV4824	PID	Reference Object	Distance	Geod. Az
JV4824				ddmmss.s
JV4824	CB1969	WHITEFORD RM 1	22.031 METERS	09644
JV4824	JV4826	CHURCHVILLE	APPROX.17.5 KM	156059.9
JV4824	JV4825	AIRWAY BEACON 62	APPROX.13.3 KM	1790453.8
JV4824	CB1968	WHITEFORD AZ MK		2590806.9
JV4824	CB1970	WHITEFORD RM 2	16.642 METERS	32407

JV4824 SUPERSEDED SURVEY CONTROL

JV4824 NAD 83(1986)- 39 42 34.59623(N) 076 20 03.97882(W) AD( ) 2  
 JV4824 NAD 27 - 39 42 34.21700(N) 076 20 05.12600(W) AD( ) 2  
 JV4824 NGVD 29 (07/19/86) 246.0 (m) 807. (f) VERT ANG

JV4824

JV4824.Superseded values are not recommended for survey control.  
JV4824.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
JV4824.[See file dsdata.txt](#) to determine how the superseded data were derived.  
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JV4824\_U.S. NATIONAL GRID SPATIAL ADDRESS: 18SUJ8561096379(NAD 83)

JV4824\_MARKER: DS = TRIANGULATION STATION DISK

JV4824\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

JV4824

JV4824	HISTORY	- Date	Condition	Report By
JV4824	HISTORY	- 1947	MONUMENTED	CGS
JV4824	HISTORY	- 1958	GOOD	MDBCMS
JV4824	HISTORY	- 1964	GOOD	CGS
JV4824	HISTORY	- 20010421	MARK NOT FOUND	USPSQD

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STATION DESCRIPTION

JV4824'DESCRIBED BY COAST AND GEODETIC SURVEY 1947 (CRR)

JV4824'THE STATION IS LOCATED ABOUT 1 MILE EAST OF WHITEFORD ON THE TOP  
JV4824'OF A PROMINENT SLATE RIDGE. IT IS 15.5 FEET NORTHWEST OF THE  
JV4824'SLATE RIDGE FOREST GUARD STATION. THE MARK PROJECTS ABOUT 4  
JV4824'INCHES AND THE DISK IS STAMPED WHITEFORD 1947.

JV4824'

JV4824'REFERENCE MARK NO. 1 IS 72.28 FEET EAST OF THE STATION ON A  
JV4824'NEARBY SLATE RIDGE. THE DISK IS IN A DRILL HOLE IN A BOULDER  
JV4824'AND THE DISK IS STAMPED WHITEFORD NO 1 1947.

JV4824'

JV4824'REFERENCE MARK NO. 2 IS 54.60 FEET NORTHWEST OF THE STATION ON  
JV4824'THE SAME RIDGE AS THE STATION. THE DISK IS IN A DRILL HOLE IN A  
JV4824'BOULDER AND IS STAMPED WHITEFORD NO 2 1947.

JV4824'

JV4824'THE AZIMUTH MARK IS ABOUT 0.15 MILE SOUTHWEST OF THE STATION AND  
JV4824'12 FEET SOUTHWEST OF THE EDGE OF THE SLATE QUARRY. THE MARK  
JV4824'PROJECTS ABOUT 6 INCHES AND THE DISK IS STAMPED WHITEFORD 1947.

JV4824'

JV4824'TO REACH THE STATION FROM WHITEFORD AT THE JUNCTION OF STATE  
JV4824'HIGHWAYS 165 AND 136, GO SOUTHEAST ON 136 FOR 0.4 MILE, TURN LEFT  
JV4824'JUST AFTER PASSING A STONE HOUSE ON THE LEFT, GO 0.1 MILE TO A  
JV4824'CROSSROADS, TURN RIGHT, GO 0.2 MILE TO OLD DUMP ROAD LEFT AT SIGN  
JV4824'SLATE RIDGE FOREST GUARD STATION. FOLLOW THIS ROAD FOR 0.2 MILE  
JV4824'TO THE BASE OF A STEEP SLATE PILE. STATION IS ON THE PEAK OF THIS  
JV4824'PILE AS DESCRIBED.

JV4824'

JV4824'TO REACH THE AZIMUTH MARK FROM THE STATION, GO BACK 0.1 MILE ON  
JV4824'THE OLD DUMP ROAD, BEAR RIGHT THRU TREES ALONG EDGE OF QUARRY FOR  
JV4824'100 YARDS AND THE AZIMUTH MARK AS DESCRIBED, NEAR THE EDGE.

JV4824'

JV4824'HEIGHT OF LIGHT ABOVE STATION MARK 5 METERS.

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STATION RECOVERY (1958)

JV4824'RECOVERY NOTE BY MD BUR SURV AND MAPS 1958

JV4824'REPORTED BY STATE OF MARYLAND CONTROL SURVEYS, JANUARY 23,  
JV4824'1958. STATION AND REFERENCE MARKS RECOVERED AS DESCRIBED.

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STATION RECOVERY (1964)

JV4824'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1964 (LNS)

JV4824'STATION WAS RECOVERED IN GOOD CONDITION. REFERENCE AND AZIMUTH  
JV4824'MARKS WERE NOT SEARCHED FOR.

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STATION RECOVERY (2001)

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JV4824'RECOVERY NOTE BY US POWER SQUADRON 2001 (LB)

JV4824'PRIVATE DRIVE - NOT ACCESSIBLE.

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JV6875 DESIGNATION - WHITEFORD  
 JV6875 PID - JV6875  
 JV6875 STATE/COUNTY- MD/HARFORD  
 JV6875 USGS QUAD - DELTA (1990)

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JV6875 \*CURRENT SURVEY CONTROL

JV6875*	NAD 83(1991)-	39 42 34.60272(N)	076 20 03.96337(W)	ADJUSTED
JV6875*	NAVD 88	- 245.6 (meters)	806. (feet)	VERTCON
JV6875	X	- 1,160,843.010 (meters)		COMP
JV6875	Y	- 4,774,437.795 (meters)		COMP
JV6875	Z	- 4,053,370.087 (meters)		COMP
JV6875	LAPLACE CORR-	-2.58 (seconds)		DEFLEC99
JV6875	ELLIP HEIGHT-	212.845 (meters)	(09/18/02)	GPS OBS
JV6875	GEOID HEIGHT-	-32.75 (meters)		GEOID03

JV6875 HORZ ORDER - FIRST  
 JV6875 ELLP ORDER - FOURTH CLASS II

JV6875.The horizontal coordinates were established by GPS observations  
 and adjusted by the National Geodetic Survey in January 1992.

JV6875.The NAVD 88 height was computed by applying the VERTCON shift value to  
 the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

JV6875.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JV6875.The Laplace correction was computed from DEFLEC99 derived deflections.

JV6875.The ellipsoidal height was determined by GPS observations

and is referenced to NAD 83.

JV6875.The geoid height was determined by GEOID03.

JV6875;		North	East	Units	Scale Factor	Converg.
JV6875;SPC MD	-	226,996.299	457,077.920	MT	1.00005574	+0 25 03.8
JV6875;SPC MD	-	744,737.02	1,499,596.48	sFT	1.00005574	+0 25 03.8
JV6875;UTM 18	-	4,396,378.936	385,610.131	MT	0.99976110	-0 51 09.6
JV6875!	-	Elev Factor	x Scale Factor	=	Combined Factor	
JV6875!SPC MD	-	0.99996661	x 1.00005574	=	1.00002235	
JV6875!UTM 18	-	0.99996661	x 0.99976110	=	0.99972772	

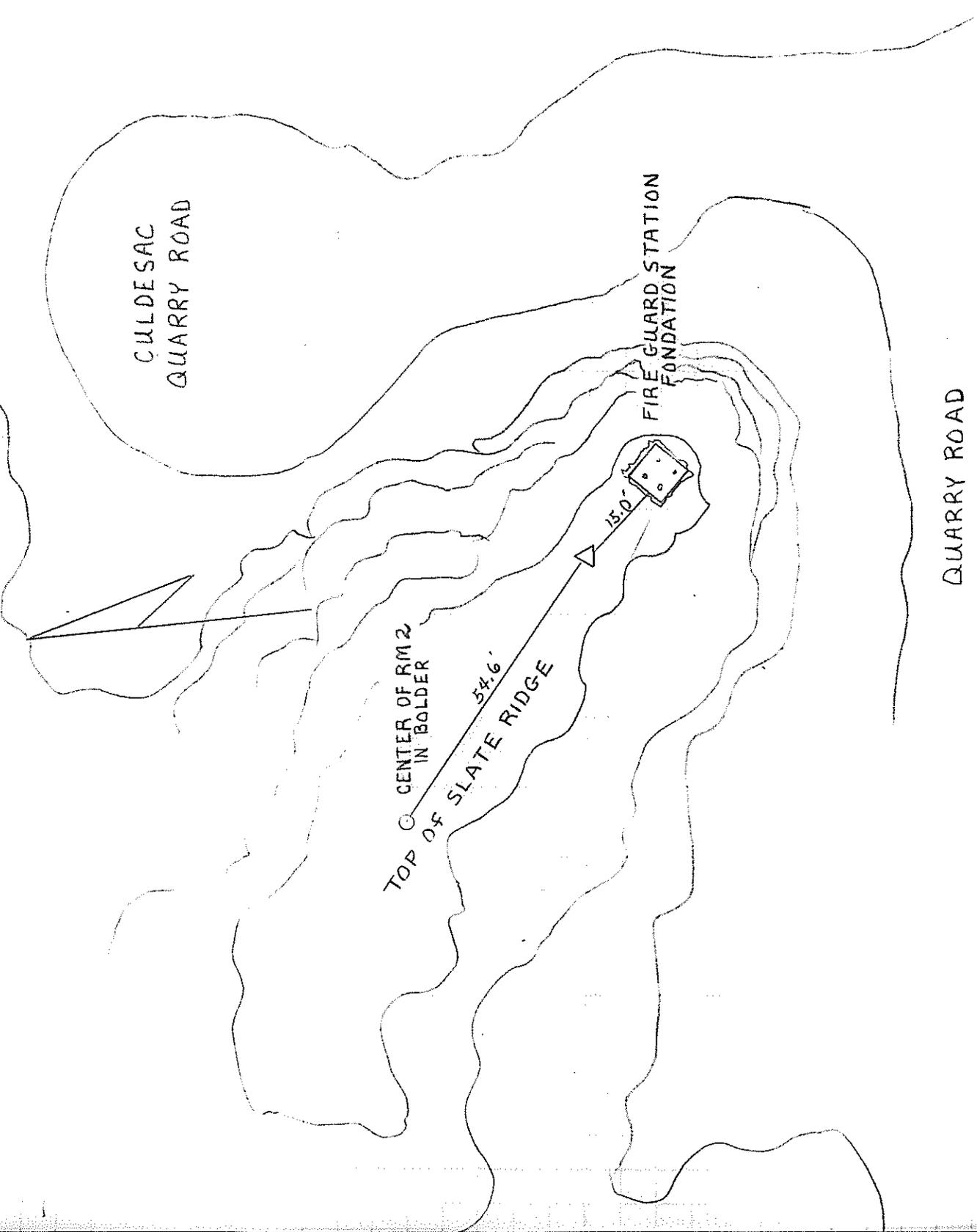
JV6875 SUPERSEDED SURVEY CONTROL

JV6875	ELLIP H (01/27/92)	212.849 (m)		GP( )	4 1
JV6875	NAD 83(1986)-	39 42 34.59552(N)	076 20 03.96944(W)	AD( )	1
JV6875	NGVD 29 (06/18/91)	245.8 (m)	806. (f)	GPS OBS	

JV6875.Superseded values are not recommended for survey control.  
 JV6875.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
 JV6875.[See file dsdata.txt](#) to determine how the superseded data were derived.  
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RINKER-DETWILER & ASSOCIATES, P.C.

Engineering • Surveying • Land Planning  
Global Positioning System • Mapping

