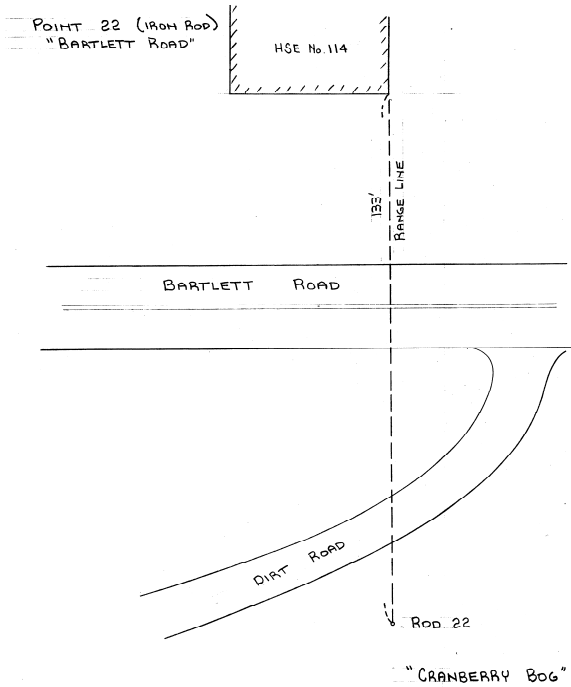


Town of Plymouth Data Sheet

Station:	Point 22	Bartlett Road Bog		NGS PID#		ID#	
Town:	Plymouth		Quad: Man				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2792376.82452	911764.73997	(Survey Ft)	331707.2996	855462.8507		
(meters)	851118.15835	277906.44856	(meters)	101104.58713	260745.59841		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	22			
NAVD88	15.67582/4.778		Sketch	See Book			
NAVD29	16.51/5.033		Recov. Date:	Jan 26, 2007			
Marked by:	Iron Rod						
Description:	3' Iron Rod set opposite house no 114 Bartlett Road.						
Reference Marks:	Bartlett 2, GPS Point # 118						
Azimuth Data:	Bartlett 1 to Bartlett 2 : S. 19-18-31 W., 548.07'						
Geodetic:	<pre style="font-family: monospace; font-size: small;"> NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: January 26, 2007 RINEX FILE: 5037024o.07o TIME: 14:49:03 UTC SOFTWARE: page5 0612.06 master24.pl START: 2007/01/24 14:01:00 EPHEMERIS: igr14113.eph [rapid] STOP: 2007/01/24 19:12:30 NAV FILE: brdc0240.07n OBS USED: 9084 / 9600 : 95% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 48 / 48 : 100% ARP HEIGHT: 1.624584 OVERALL RMS: 0.014(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2007.0649) X: 1582118.796(m) 0.004(m) 1582118.073(m) 0.004(m) Y: -4482930.396(m) 0.021(m) -4482928.954(m) 0.021(m) Z: 4237868.550(m) 0.005(m) 4237868.480(m) 0.005(m) LAT: 41 54 23.56359 0.009(m) 41 54 23.59655 0.009(m) E LON: 289 26 20.36400 0.010(m) 289 26 20.35524 0.010(m) W LON: 70 33 39.63600 0.010(m) 70 33 39.64476 0.010(m) EL HGT: -23.383(m) 0.018(m) -24.621(m) 0.018(m) ORTHO HGT: 4.778(m) 0.031(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (1702 LA S) Northing (Y) [meters] 4640578.310 172312.049 Easting (X) [meters] 370530.120 897043.992 Convergence [degrees] -1.04277053 -0.53385633 Point Scale 0.99980627 0.99992611 Combined Factor 0.99964498 0.99992996 US NATIONAL GRID DESIGNATOR: 19TCG7053040578(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 110203.5 </pre>						

To convert meters to US survey feet
Multiply by 3.280833333

	DF9215 ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559	W0712849.518	119274.2
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	32572.4
	NEAREST NGS PUBLISHED CONTROL POINT			
	LW1534 M 43	N415449.	W0703311.	1026.1
	This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.			
Grid Azimuth:				



To convert meters to US survey feet
 Multiply by 3.280833333