

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 49.24800 dms
Longitude 114 05 19.33746 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 32029
Tablet Markings 664-4.126
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1123.544 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 94-01-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5666023.810 m
Easting -6208.790 m
Convergence -0 04 08.63 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
240358 664-4.125	100.361	1 129/2	0.999720	257 25 51.35	6.2	0.00
274332 664-4.133	112.104	1 107/2	0.999734	89 43 28.00	6.3	0.00
208686 664-4.180	144.245	1 90/2	0.999726	295 12 29.17	7.3	0.00
22855 664-4.136	164.593	1 67/2	0.999722	173 33 38.58	5.2	0.00
279463 664-4.128	197.719	1 71/2	0.999729	44 35 09.49	5.4	0.00
222885 664-4.132	226.157	1 62/2	0.999728	105 50 36.26	4.7	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

MARKER TYPE

Updated: 1994-10-14

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG
5 CM BGL

COORDINATE HISTORY

Originating Project 78113 78113
Published 83-08-18 83-08-18
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-10-14

ON N/S OF BERWICK HILL AT BERWICK RISE NW; 0.20 M. N OF B.O.W.; 0.30 M. W OF
B.O.W. ON E/S PROD. N.; 6.10 M. NE OF C.B.;

NON COORDINATE REVISIONS

1976-08-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1994-01-10 1994-10-14

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 126

VERT

00-06-15

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.126 56644 4 126