

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 03.50221 dms
Longitude 114 09 19.19828 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2017-03-20

ASCM 13722
Tablet Markings 655-8.128
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008
Marker Condition GOOD 92-09-24

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1150.757 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114
Northing 5655348.128 m
Easting -10894.870 m
Convergence -0 07 14.79 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
40733 655-8.126	124.673	1	64/2	0.999730	306 22 37.23	4.9	0.00
112532 655-8.129	187.379	1	53/2	0.999727	258 44 55.43	4.7	0.00
221119 655-8.125	236.175	1	47/2	0.999727	340 07 54.60	3.9	-0.01
276493 655-8.131	245.935	1	45/2	0.999722	48 43 49.75	3.9	0.00
50005 652-8.136	251.322	1	48/2	0.999724	231 40 58.59	3.8	0.00
101212 655-8.136	345.389	1	38/2	0.999722	74 12 37.50	3.2	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

MARKER TYPE Updated: 1993-01-26
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

Originating Project 72108 72108
Published 83-02-03 83-02-03
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1993-01-26
ON S/S OF ROAD IN PARK ACROSS FROM HOUSE #4716 BROVE HILL ROAD S.W.;
6.5 M SOUTH OF F.O.C.; 9.0 M WEST OF EAST WALL OF HOUSE PROD. S.;
15.9 M SE OF LT.S.

NON COORDINATE REVISIONS

1973-04-26 FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS Inspected Updated
MARKER REPORTED IN GOOD CONDITION 1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 128

VERT 00-06-15 0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.128 56554 8 128