

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 08.64630 dms
Longitude 114 07 19.27096 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2011-02-14

ASCM 50674
Tablet Markings 658-8.137
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1101.374 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-02-14

Scale Factor 0.999900 At Ref Mer 114

Northing 5661064.593 m
Easting -8548.849 m
Convergence -0 05 41.79 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

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)
38653 658-8.142	223.156	1	40/2	0.999731	128 51 49.69	3.3	0.00
26435 661-8.83	247.337	1	36/2	0.999733	316 15 12.67	3.0	0.00
152462 658-8.139	294.611	1	31/1	0.999732	90 53 24.07	2.6	0.00
93039 658-8.141	370.463	1	32/2	0.999731	131 02 11.27	2.6	0.01
102681 658-8.109	420.715	1	29/1	0.999732	108 13 43.45	2.4	0.00
290759 190231	477.575	1	25/1	0.999730	141 57 13.96	2.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-10

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 71105 71105
Published 71-10-21 71-10-21

LOCATED ON SW CORNER OF BREKEN RD AND CHARLESWOOD DR NW; 0.1 M SW OF BOW ON CURV E; 2.3 M E OF FRONT SEP.W.; 2.8 M S OF FOW PROD E; 8 M NW OF LT.S.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-10 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
MARKER REPORTED IN GOOD CONDITION

2005-07-07 2006-06-19
1989-02-20 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 137

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-08.137 658-08 137