

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 14.41796 dms  
Longitude 114 07 28.07203 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 26435

Tablet Markings 661-8.83

Date Printed 2025-08-03  
Last Updated 2011-02-14

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1103.716 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-05-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-02-14

Scale Factor 0.999900 At Ref Mer 114

Northing 5661243.223 m  
Easting -8719.829 m  
Convergence -0 05 48.65 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
50674 658-8.137	247.337	1	36/2	0.999733	136 15 12.67	3.0	0.00
201343 661-8.82	303.493	1	43/2	0.999727	319 09 17.79	3.6	-0.01
206169 661-8.78	441.852	1	25/1	0.999730	50 53 10.22	2.0	-0.01
38653 658-8.142	469.517	1	26/1	0.999732	132 44 55.78	2.2	0.01
152462 658-8.139	500.366	1	22/1	0.999732	111 29 02.12	1.9	0.00
93039 658-8.141	617.185	1	23/1	0.999732	133 07 29.19	1.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-26

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.4 s 2 s  
Geoid\_Ellip Separation -16.14 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1971-12-10

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

ON NE COR OF BRANTFORD DR AND BRECKEN RD NW; 5.4 M E OF B.O.W. PRODUCED S;  
1.9 M N OF B.O.W. PRODUCED W; 0.4 M NE OF B.O.W. ON CURVE; 10.1 M SE OF LTS.

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

1993-05-18 1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 83

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.83 661-08 83