

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 00.97296 dms  
Longitude 114 03 59.62360 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 67082  
Tablet Markings 661-04.162  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1082.777 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 01-09-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662676.496 m  
Easting -4661.961 m  
Convergence -0 03 06.49 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

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)
160432 661-04.158	235.766	1	106/3	0.999733	213 53 53.25	4.8	0.00
131946 661-04.160	252.144	1	111/3	0.999735	294 18 00.45	9.3	0.00
134775 661-04.165	280.349	1	100/3	0.999735	345 53 26.78	7.1	0.00
190579 661-4.197	393.759	1	69/2	0.999734	50 02 18.89	3.6	0.00
177667 2124.3	427.747	1	63/2	0.999733	309 43 13.43	5.4	0.00
238642	435.789	1	66/2	0.999730	319 15 42.41	5.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-10-29

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
2 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

Originating Project 71102 71102  
Published 84-01-07 84-01-07

ON N/S OF RD. IN FRONT OF HOUSE #5423 THORNCLIFFE DR. NW;  
0.20 M S OF F.OF SEP.W; 1.0 M S OF THE S WALL OF HOUSE PROD.E;  
6.2 M N OF F.O.C. .

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1972-06-25 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Comments	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION, CAP SLIGHTLY EFFACED.	2001-09-26	2001-10-29
MARKER REPORTED IN GOOD CONDITION	1993-07-23	1994-01-19
MARKER REPORTED IN GOOD CONDITION.	1988-11-02	1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 162

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 162