

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 57.66508 dms
Longitude 114 10 13.94116 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 25569

Tablet Markings 661-8.122

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1114.869 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662586.011 m
Easting -11944.674 m
Convergence -0 07 57.79 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
193698 661-12.200	284.053	1 28/1	0.999730	277 26 07.47	2.3	0.00
123422 661-8.200	289.128	1 48/2	0.999729	4 45 11.72	3.6	-0.01
48108 661-8.216	346.765	1 29/1	0.999730	57 02 16.17	2.5	-0.01
214593 661-8.212	347.743	1 35/2	0.999732	122 06 45.72	2.7	0.01
269704 661-8.197	392.602	1 25/1	0.999728	21 17 54.23	2.1	-0.01
298513 661-8.120	436.779	1 21/1	0.999731	90 34 51.68	1.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-18

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL, 1.2 M W OF GP

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1973-07-17

Originating Project 73127
Published 83-05-03

IN SILVER SPRINGS GOLF COURSE BEHIND HOUSE NO.1213 VARSITY ESTATES RD NW;
1.3 M W OF N-S STEEL FENCE; 15.6 M N OF S WALL OF HOUSE PRODUCED W; 5.0 M S OF
N P/L STEEL FENCE PRODUCED W.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 74111
Published 83-04-28
Revising Project
Published

NON COORDINATE REVISIONS

1973-07-17 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

1993-07-06 1993-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 122

00-06-15

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.122 56614 8 122