

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 39.95819 dms
Longitude 114 02 56.71856 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2016-05-27

ASCM 60509
Tablet Markings 658-0.115
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1074.979 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 11-03-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-05-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5660172.205 m
Easting -3439.790 m
Convergence -0 02 17.49 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

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)
161455 658-0.120	205.513	1	78/2	0.999735	163 12 04.34	6.2	0.00
260026 658-0.116	240.411	1	50/2	0.999738	274 08 19.17	3.8	0.00
154625 658-0.114	286.550	1	45/2	0.999735	300 58 44.47	3.9	0.00
159228 658-0.119	293.486	1	48/2	0.999736	232 14 28.77	3.6	0.00
257964 220225	399.067	1	43/2	0.999734	171 48 04.35	3.1	0.00
143388 658+00.129	599.222	1	37/2	0.999737	4 22 22.75	2.3	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.5 s	2 s
Prime Vert Defl,ETA(+E)	5.5 s	2 s
Geoid_Ellip Separation	-16.29 m	1 m

MARKER TYPE

Updated: 1991-12-24

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71101	71101
Published	71-03-01	71-03-01
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		98015
Published		99-10-21
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-08-10

ON 30 AVE AND W OF 6 ST NE; IN FRONT OF HOUSE #624-30 AVE NE; 25CM S OF B.O.W.;
5.0M W OF E P/L (WHITE FENCE) OF HOUSE #624; 1.2 M E OF THE E WALL OF HOUSE
PRODUCED S.

NON COORDINATE REVISIONS

Date	Description
1972-01-25	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2011-03-08	2011-07-29
MARKER REPORTED IN GOOD CONDITION	1993-04-21	1993-08-10
MARKER REPORTED IN GOOD CONDITION	1991-07-08	1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 0 115

VERT

00-06-15	0.011 m	REVISED ELEVATION-BETTER INTEGRATION
99-10-21	0.020 m	REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00.115 56584 0 115