

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 11.75197 dms
Longitude 114 09 01.89066 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2014-06-02

ASCM 30551
Tablet Markings 655-8.135
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008
Marker Condition GOOD 14-05-12

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1149.826 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655602.341 m
Easting -10557.145 m
Convergence -0 07 01.35 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
4242 655-8.134	124.119	1 64/2	0.999722	345 34 34.96	4.9	0.00
101212 655-8.136	160.394	1 56/2	0.999726	181 57 06.07	4.5	0.00
276493 655-8.131	178.537	1 62/2	0.999727	238 57 30.83	5.0	0.00
136879 655-8.137	208.296	1 53/2	0.999723	148 22 59.38	4.4	0.00
221036	259.392	1 73/2	0.999721	335 12 22.72	4.2	-0.01
103259 655-8.138	288.873	1 42/2	0.999724	166 30 51.78	3.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2014-06-02

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1985-06-17

Originating Project 72108 72108
Published 83-02-03 83-02-03

E/S GLENMOUNT DR & S OF GREENRIDGE RD; 15CM E OF B.O.W., E/S OF
GLENMOUNT DR; 2.40M N OF S P/L OF LOT 19, BLOCK 23 (HOUSE #1916
GLENMOUNT DR) FL PRODUCED W.

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

NON COORDINATE REVISIONS

1973-04-26 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

2014-05-12 2014-06-02
1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 135

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.135 56554 8 135