

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 04.58121 dms
Longitude 114 08 07.35015 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 12724

Tablet Markings 655-8.113

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1126.047 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-03-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655378.707 m
Easting -9494.991 m
Convergence -0 06 18.93 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor
88468 655-8.114	152.862	1	59/2	0.999726
4788 655-8.109	182.885	1	55/2	0.999726
149765 655-8.110	215.255	1	74/2	0.999727
195214 655-8.115	216.899	1	46/2	0.999728
229526 652-8.70	263.033	1	42/2	0.999726
76745 655-8.108	398.085	1	30/2	0.999726

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
186 00 50.15	4.0	0.00
83 16 45.50	3.7	0.00
66 27 42.50	5.8	0.00
275 32 00.28	3.3	0.00
130 43 00.78	3.6	0.00
89 35 02.66	2.5	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-05-02

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC BRASS TABLET ON A 7X305CM STEEL PIPE.
5CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72110 72110
Published 84-01-03 84-01-03

ON S/E COR OF 21 AVE AND 33 ST SW; 5.0 M S OF B.O.W. PROD W;
1.8 M E OF B.O.W. PROD N; 4.9 M NE OF CB.

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

NON COORDINATE REVISIONS

1973-05-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION, CAP EFFACED
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.

2016-03-21 2017-03-16
1992-09-16 1993-01-26
1989-03-16 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 113

00-06-15

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.113 56554 8 113