

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 07.45356 dms
Longitude 114 04 03.35425 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 85-06

ASCM 365080

Tablet Markings 658-4.276

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1081.708 m
Vert Class INTEGRATED , SPIRIT LEVELS

Date Printed 2025-08-04
Last Updated 2009-06-30

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

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

Marker Condition GOOD 04-02-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2009-06-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5659168.852 m
Easting -4737.762 m
Convergence -0 03 09.31 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor
39149 658-4.138	286.131	1	31/1	0.999735
275230 658-4.21	291.436	1	38/2	0.999733
270413 658-4.239	319.093	1	25/1	0.999734
489484 658-4.280	322.324	1	34/2	0.999732
255091 658-4.149	331.024	1	42/2	0.999733
49973 658-4.240	471.594	1	21/1	0.999734

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
272 10 34.82	2.5	0.00
280 57 14.27	3.3	0.00
3 32 50.38	2.2	0.00
235 32 57.24	2.9	0.00
306 59 38.65	3.2	0.00
47 20 30.42	1.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2004-02-26

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

A.S.C. BRASS TABLET ON 5X250CM PIPE WITH HELIX 2CM BGL.
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1985-12-05

Originating Project 85020 85020
Published 85-12-15 85-12-15

S.W. COR. OF INT. 18 AVE. AND 2 ST N.W. :50 CM W OF B.O.SEP.W. :3.2
5 M N OF B.O.SEP.W. :1.10 M SW OF F.O.C. ON CURVE :2.45 M E OF FIRE
HYDRANT :3.63 M W OF C.B.

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

NON COORDINATE REVISIONS

1985-12-05 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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2004-02-06 2004-02-26
2003-01-23 2003-03-03
1997-12-01 1998-01-26
1993-04-07 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 276

00-06-15

0.038 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 4 276