

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 48.39496 dms
Longitude 114 06 44.47092 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 57760

Tablet Markings 658-4.65

Date Printed 2025-08-03
Last Updated 2021-11-15

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1099.227 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5658583.782 m
Easting -7875.373 m
Convergence -0 05 14.61 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
165217 658-4.62	147.870	1 142/3	0.999731	170 13 29.36	5.4	0.00
238279 658-4.76	200.597	1 125/3	0.999729	293 31 54.34	10.3	0.00
264226 658-8.229	277.823	1 79/2	0.999731	269 44 30.96	4.1	0.00
307 658-4.59	374.906	1 75/2	0.999733	123 29 42.89	5.6	0.00
284059 658-4.127	428.176	1 49/2	0.999730	333 23 36.91	4.1	-0.01
99887 658-4.78	434.336	1 41/2	0.999731	30 50 05.74	3.6	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-05

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.14 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-05

Originating Project 71104 71104
Published 84-01-07 84-01-07

ON NW CORNER OF 12 AVENUE AND 21A STREET N.W.; 2.10 M NORTH OF B.O.W. PRODUCED
EAST; 3.10 M WEST OF B.O.W. PRODUCED SOUTH; 1.10 M SE OF LIGHT STANDARD;
0.25 M NW OF B.O.W. ON CURVE.

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

NON COORDINATE REVISIONS

1971-12-20 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

1993-02-09 1993-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 65

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.65 56584 4 65