

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 11.69851 dms
Longitude 114 06 46.24853 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 39842
Tablet Markings 658-4.191
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1093.613 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661157.881 m
Easting -7906.040 m
Convergence -0 05 16.10 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
237750 658-4.192	125.182	1	56/2	0.999733	152 36 22.75	3.3	0.00
115824 661-4.48	190.650	1	37/1	0.999732	314 23 16.11	2.9	0.00
155259 658-4.190	201.430	1	50/2	0.999731	231 02 22.36	4.0	0.00
77263 661-4.51	289.308	1	28/1	0.999730	330 29 48.92	2.4	-0.01
102681 658-8.109	331.394	1	33/2	0.999731	227 15 27.92	2.8	0.00
152462 658-8.139	361.897	1	28/1	0.999732	254 18 23.80	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

Originating Project 71103 71103
Published 84-01-07 84-01-07

ON THE NE CORNER OF CHEROKEE DRIVE AND CHICOUTIMI DRIVE N.W.; 1.55 M EAST OF
F.O.C.; 9.10 M NORTH OF F.O.C. PRODUCED WEST; 12 M NW OF CB.

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

NOTE: ELEV SHOWN IS AS RE-ADJUSTED IN JAN 1980.

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

1993-03-04 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 191

00-06-15

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.191 56584 4 191