

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 49.87138 dms
Longitude 114 06 42.51337 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 2766
Tablet Markings 658-4.126
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1102.195 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660483.319 m
Easting -7834.374 m
Convergence -0 05 13.17 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)
169813 658-4.125	154.938	1 45/1	0.999730	109 39 14.84	3.7	0.00
5587 658-4.129	170.663	1 41/1	0.999734	46 51 23.48	3.7	0.00
109934 658-4.130	251.931	1 36/1	0.999735	53 29 42.96	3.1	0.00
201590 658-8.232	266.861	1 41/2	0.999730	295 44 30.59	3.3	0.00
229617 658-4.120	293.470	1 41/2	0.999728	197 50 27.72	3.2	0.01
119941 658-4.193	327.029	1 31/1	0.999732	4 49 40.84	2.5	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-20

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL, LANDSCAPED, 0.6 M NW OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-10-01

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

IN PARK AREA NE OF CANMORE RD AND JUST SE OF 28 AVE NW; 27.3 M NE OF B.O.
ASPHALT W. ON THE NE/S OF CANMORE RD; 23.3 M SE OF THE SE/S OF ASPHALT BIKE
PATH.

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

1993-06-02 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 126

00-06-15

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.126 56584 4 126