

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 11.12154 dms
Longitude 114 11 15.99429 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2004-06-25

ASCM 31831
Tablet Markings 658-12.34
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1170.962 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659296.793 m
Easting -13160.357 m
Convergence -0 08 45.86 dms
Station Ellipsoid Factor 0.999819
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
132308 160219	394.007	1	28/1	0.999717	177 44 29.73	2.3	0.01
143354 B27	579.264	1	21/1	0.999725	93 56 47.82	1.7	0.00
23226 658-12.37	741.803	1	17/1	0.999728	12 21 10.57	1.5	-0.02
237768 658-12.91	771.962	1	25/1	0.999717	158 13 38.90	1.7	0.02
82214 658-12.85	828.131	1	24/1	0.999717	166 30 40.35	1.5	0.03
274829 658-12.39	912.917	1	14/1	0.999729	25 41 51.07	1.2	-0.03

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

MARKER TYPE

Updated: 1990-05-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1 G.P.

COORDINATE HISTORY

Originating Project 70107 70107
Published 70-12-23 70-12-23
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1970-12-23

LOCATED NORTH OF 16 AVENUE ON 69 STREET NORTH WEST; 0.6 M EAST OF THE
WEST PROPERTY LINE OF 69 STREET (FENCE LINE); 309.0 M NORTH OF 16
AVENUE (FENCE LINE); 0.3 M EAST OF MARKER POST.

NON COORDINATE REVISIONS

1970-12-23 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

1990-05-16 1990-05-24
1989-03-28 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 12 34

VERT

00-06-15

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 12 34