

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 01.71145 dms
Longitude 114 12 22.05340 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-06

ASCM 40097

Tablet Markings 664-12.140

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1168.669 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 87-02-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664571.403 m
Easting -14431.647 m
Convergence -0 09 37.64 dms
Station Ellipsoid Factor 0.999819
Station Combined Factor 0.999722

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
180638 664-12.67	107.760	1 84/2	0.999717	50 46 48.97	5.0	0.00
22541 664-12.139	108.755	1 101/2	0.999722	304 56 20.73	5.2	0.00
30692 664-12.145	128.554	1 70/2	0.999726	205 06 43.37	4.4	0.00
131995 664-12.138	222.837	1 49/2	0.999723	290 57 05.93	3.3	0.00
266643 664-12.141	225.586	1 49/2	0.999723	217 40 50.05	3.2	0.01
81596 664-12.65	313.720	1 35/2	0.999723	149 27 21.17	3.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-12-06

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC BRASS TABLET ON 7 X 305CM STEEL PIPE.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1982-12-06

Originating Project 82009 82009
Published 82-12-15 82-12-15

LOCATED ON THE EAST SIDE OF SCENIC WAY AT NORTH FACE OF CURB ON SCENIC
RISE PRODUCED EAST; 0.3 M EAST OF EAST FACE OF CURB.

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

NON COORDINATE REVISIONS

1982-12-06 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 140

00-06-15

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 140