

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 39.04283 dms
Longitude 114 10 15.50621 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 66-03

ASCM 57166

Tablet Markings B34

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1064.714 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660156.681 m
Easting -11980.764 m
Convergence -0 07 58.86 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
294272 B33	235.318	1	34/1	0.999737	333 00 09.94	2.7 -0.01
64691 1622.7	303.969	1	33/1	0.999739	55 12 23.03	2.9 -0.01
251181 B30	313.323	1	29/1	0.999736	224 52 19.04	2.5 0.01
255109 658-8.113	325.441	1	34/2	0.999738	357 50 32.07	2.8 -0.01
196642 1622.6	373.145	1	29/1	0.999737	80 58 49.12	2.4 0.00
264820 B35	442.861	1	23/1	0.999737	43 24 12.76	1.8 -0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-12-23

Originating Project 70107 70107
Published 70-12-23 70-12-23

LOCATED ON THE WEST SIDE OF INTERSECTION OF BOWNESS ROAD AND 52 STREET
NORTH WEST; IN SEWER TYPE MANHOLE IN NORTH WEST LANE OF BOWNESS ROAD;
18.3 M NORTH WEST OF FACE OF CURB PRODUCED NORTH EAST; 9.3 M NORTH
NORTH WEST OF LIGHT STANDARD.

Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

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

1989-02-06 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 32

01-03-06

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 32