

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 32.05364 dms
Longitude 114 09 52.70404 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 68825

Tablet Markings 1622.4

Date Printed 2025-08-03
Last Updated 2022-03-03

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1066.033 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5659939.707 m
Easting -11537.405 m
Convergence -0 07 41.11 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
196642 1622.6	285.542	1	35/2	0.999735	344 47 00.93	2.9	-0.01
267203 1722.24	310.275	1	29/1	0.999737	35 40 21.08	2.4	-0.01
23598 1722.23	316.189	1	28/1	0.999735	67 58 34.96	2.4	0.00
73809 170225	348.845	1	26/1	0.999739	175 59 29.68	2.1	0.01
64691 1622.7	435.954	1	25/1	0.999736	333 35 53.77	2.2	-0.01
57166 B34	493.734	1	22/1	0.999738	296 04 35.44	1.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1997-05-27

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL PIPE

FLUSH WITH GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-23

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

ON SW CORNER OF HOME RD AND BOWNESS RD NW; 7.6 M S OF THE BACK OF SEP.W.;5.6 M S
OF FOC; 8.9 M SE OF LT.S.

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
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2005-07-19 2006-06-23
1996-12-01 1997-01-09
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 39

01-03-06

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 39