

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 15.43102 dms
Longitude 114 01 05.26550 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03

ASCM 2931

Tablet Markings G4

Date Printed 2025-08-03
Last Updated 2005-08-02

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1082.900 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-03-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5659413.335 m
Easting -1270.566 m
Convergence -0 00 50.77 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
45740 636009	137.270	1	73/2	0.999735		66 35 46.76	3.5	0.00
286575 G2	230.640	1	65/2	0.999733		276 23 34.56	2.7	0.00
48397 F24	364.457	1	41/2	0.999734		229 50 53.25	3.2	0.00
225706 658-0.143	388.754	1	33/2	0.999733		21 57 51.76	2.8	0.00
391599 658-0.200	390.226	1	36/2	0.999733		55 38 01.77	2.8	0.00
151662 658-0.179	402.105	1	35/2	0.999732		351 25 46.76	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1988-07-21

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.33 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-07-21

Originating Project 69111 69111
Published 70-10-19 70-10-19

LOCATED ON SOUTH EAST CORNER OF VALLEYVIEW ROAD AND VEINER STREET
NORTH EAST; 3.0 M SOUTH OF BACK OF WALK PROD. WEST; 1.45 M EAST OF
BACK OF WALK PROD. NORTH; 46.0 CM NORTH WEST OF BACK OF WALK ON
CURVE.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-10-19 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

1988-03-15 1988-07-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 50

99-10-21

0.043 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00 50