

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 04.66017 dms
Longitude 114 10 31.07964 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 66-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 55673
Tablet Markings B38
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 012

Vert Datum CVD28 Updated: 2000-06-15
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 89-03-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-24

Scale Factor 0.999900 At Ref Mer 114

Northing 5660948.959 m
Easting -12282.014 m
Convergence -0 08 11.03 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
119545 658-12.59	189.348	1 48/2	0.999737	224 45 32.43	3.9	0.00
252916 658-12.53	236.979	1 42/2	0.999737	185 23 12.09	3.5	0.01
32524 B39	328.965	1 27/1	0.999739	308 38 10.19	2.3	-0.01
232439 658-12.52	372.550	1 32/2	0.999738	227 37 25.10	2.6	0.01
205849 658-8.111	430.136	1 35/2	0.999736	126 06 08.99	2.7	0.01
269498 658-12.49	447.921	1 27/1	0.999735	191 28 56.35	2.3	0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.6 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

MARKER TYPE Updated: 1970-12-23

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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: 1989-02-02

LOCATED ON THE SOUTH EAST CORNER OF 61 STREET AND BOW CRESCENT IN FRONT OF
HOUSE #6135 - BOW CRESCENT NORTH WEST; 80.0 CM NORTH OF SOUTH PROPERTY LINE OF
BOW CRESCENT; 12.4 M EAST OF EAST PROPERTY LINE OF 61 STREET PRODUCED NORTH.

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 1989-03-20 1990-05-02
MARKER REPORTED IN GOOD CONDITION. 1989-01-12 1989-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 12 26

VERT 00-06-15 0.005 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 12 26