

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 37.78123 dms
Longitude 114 08 57.06246 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 66-03

ASCM 44685

Tablet Markings B16

Date Printed 2025-08-03
Last Updated 2016-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1059.077 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-05-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658260.406 m
Easting -10457.699 m
Convergence -0 06 57.73 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
164616 655-8.264	374.227	1	29/1	0.999737	141 46	37.44	2.6	0.01
161224 B20	382.459	1	26/1	0.999739	303 00	45.13	2.1	-0.01
281071 B18	401.820	1	20/1	0.999735	252 27	59.79	1.8	0.00
150383 655-8.247	435.143	1	39/2	0.999734	218 29	10.41	3.2	0.01
205955 655-8.246	438.404	1	41/2	0.999732	234 50	52.92	3.5	0.01
284182 655-8.250	519.026	1	36/2	0.999732	189 39	10.28	3.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2016-03-21

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1 G.P., 10 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 2016-03-21

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

ON EAST SIDE OF BOW RIVER WEST OF POINT MACKAY;
9.3 M EAST OF CENTERLINE CULVERT; 7.1 M SOUTH OF SOUTH EDGE OF PATHWAY;
0.30 M EAST OF G.P.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
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	2015-05-07	2016-03-21
MARKER REPORTED IN GOOD CONDITION	1993-11-01	1993-12-31
MARKER REPORTED IN GOOD CONDITION	1989-03-13	1990-05-03
MARKER REPORTED IN GOOD CONDITION.	1988-07-28	1988-08-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 21

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 21