

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 13.86288 dms
Longitude 114 05 51.91532 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 49403

Tablet Markings D79

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY G
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1089.362 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-10-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5651953.415 m
Easting -6860.867 m
Convergence -0 04 33.50 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
261727 D83	223.469	1	94/2	0.999732	202 17 31.15	4.2	0.00	
56549 D77	281.340	1	75/2	0.999732	8 39 53.69	4.2	0.00	
210716 D85	325.080	1	65/2	0.999731	239 58 44.01	5.4	0.00	
127712 D82	384.727	1	57/2	0.999732	119 08 13.53	4.8	0.00	
93989 D75	425.378	1	47/2	0.999731	35 49 01.02	3.5	-0.01	
1941 D84	542.506	1	41/2	0.999733	159 11 36.11	2.7	0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-09-27

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-09-27

Originating Project 72111 72111
Published 70-06-24 70-06-24

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

ON W/S OF ELBOW RIVER ON TOP OF CLIFF, ON THE E/S OF GLENMORE WATER TREATMENT
PLANT AND S.W. OF CALGARY GOLF & COUNTRY CLUB BLDGS.;
34.4M N.E. OF N.E. SIDE OF ASPHALT PATH WHICH IS ON E/S OF THE DECHLORINATION
BLDG.;
27.4M NORTH OF N/S OF DECHLORINATION BLDG, PROD. EAST (SLOPE DIST.);
3.7M WEST OF TOP OF CLIFF OVERLOOKING RIVER;
0.50M WEST OF G.P.

NON COORDINATE REVISIONS

1973-02-06 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

1990-10-24 1991-09-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 26

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 26