

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 23.47997 dms
Longitude 114 06 38.26094 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03

ASCM 14555

Tablet Markings D109

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1085.879 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-03-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5650397.901 m
Easting -7766.747 m
Convergence -0 05 09.46 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
197004 D107	240.212	1	37/2	0.999732	46 55 12.22	3.0	0.00
105262 D111	272.905	1	33/1	0.999732	249 11 49.76	2.8	0.00
144501 D101	484.517	1	29/2	0.999732	12 58 40.74	2.4	-0.01
278085 D96	544.910	1	20/1	0.999732	133 19 33.01	1.6	0.01
231001 D99	556.288	1	22/1	0.999732	45 12 50.51	1.8	-0.01
69674 649-8.43	556.874	1	31/2	0.999733	288 07 50.59	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-07-11

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

Originating Project 72117 72117
Published 72-07-11 72-07-11

LOCATED ON HILL IN EARL GRAY GOLD COURSE ON W/S OF GLENMORE RESERVOIR SW; 4.3 M W OF N-S POLE LINE; 12.3 M NW OF POWER POLE ON HILL WITH TWIN POLE ANCHORS; 0.3 M W OF GP.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

NON COORDINATE REVISIONS

1972-07-11 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

2007-03-08 2007-06-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 54

01-02-07 -0.017 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.043 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 54