

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 27.22384 dms
Longitude 114 09 24.61699 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 66878
Tablet Markings 655-8.231
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1133.427 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-11-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5657935.302 m
Easting -10994.936 m
Convergence -0 07 19.15 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
47928 655-8.245	134.316	1 104/2	0.999726	91 44 08.21	6.8	0.00
65995 655-8.229	164.302	1 103/2	0.999731	351 41 58.24	5.3	0.00
137083 655-8.244	185.242	1 86/2	0.999724	112 00 24.27	6.4	0.00
205955 655-8.246	193.166	1 93/2	0.999729	67 51 55.75	7.6	0.00
828 655-8.232	233.466	1 69/2	0.999724	182 17 53.08	5.5	0.01
281071 B18	255.849	1 66/2	0.999728	37 04 16.60	5.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-05-10

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72107 72107
Published 83-03-03 83-03-03

ON NW COR OF WILDWOOD DR AT WOODLARK DR SW; 1.6 M E OF B.O.W. PROD S;
0.80 M N OF B.O.W. PROD W; 0.40 M NE OF F.O.W. ON CURVE; 5.0 M S OF LT. S.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-05-10 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

1992-11-23 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 231

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.231 56554 8 231