

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 18.44248 dms
Longitude 114 02 42.26400 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 52001

Tablet Markings 649-0.145

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1068.194 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-11-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5652091.339 m
Easting -3163.378 m
Convergence -0 02 06.11 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

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)
101857 649-0.144	116.994	1	68/2	0.999728	86 26 18.00	4.7	0.00	
198739 649-0.146	166.833	1	48/2	0.999741	280 47 03.01	3.8	0.00	
249177 220178	258.814	1	39/2	0.999737	299 34 53.35	3.1	0.00	
90035 649-0.148	270.739	1	33/1	0.999736	182 06 39.45	2.8	0.00	
6650 649-0.149	285.348	1	35/2	0.999737	154 16 25.41	3.0	0.00	
235101 649-0.147	332.894	1	30/1	0.999737	220 28 29.69	2.6	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-04

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-10-04

Originating Project 75106 75106
Published 83-05-13 83-05-13

AT SE CORNER OF BURLEIGH CRESC. & BURBANK RD. S.E. (NORTH LEG);
0.5 M. E OF B.O.C. PROD. N.; 1.90 M. E OF B.O.C. PROD. NORTH;
9.3 M. S OF B.O.C. PROD. WEST; 6.90 M. N OF FH.

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

NON COORDINATE REVISIONS

1976-01-30 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

1990-11-16 1991-10-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 0 145

99-08-16

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+00.145 56494 0 145