

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 06.86089 dms
Longitude 114 01 06.49794 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2015-05-01

ASCM 11130
Tablet Markings 2318.5
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1031.822 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-03-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5653586.628 m
Easting -1296.020 m
Convergence -0 00 51.69 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

| 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) |
|-------------------------|-------------------------|--------------|-----------|------------------|--------------------|-------------|--------------|
| 4986 2318.3 | 315.576 | 1 | 70/2 | 0.999738 | 302 28 18.70 | 4.6 | 0.00 |
| 99721 2318.2 | 456.461 | 1 | 59/2 | 0.999741 | 327 29 00.46 | 3.1 | 0.00 |
| 106849 230186 | 495.465 | 1 | 48/2 | 0.999740 | 251 24 27.29 | 3.9 | 0.00 |
| 206052 C18 | 545.643 | 1 | 42/2 | 0.999742 | 129 06 20.43 | 3.1 | 0.00 |
| 96404 C14 | 611.858 | 1 | 46/2 | 0.999743 | 75 31 16.79 | 3.8 | 0.00 |
| 361733 | 882.284 | 1 | 72/3 | 0.999736 | 216 19 29.67 | 3.8 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-01

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30CM BGL, 0.20 M W OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2015-05-01

Originating Project 69103 69103
Published 70-10-06 70-10-06
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

IN SE COR OF LARGE ISLAND AT INT OF OGDEN RD AT BONNY BROOK RD SE; 6.8M N OF
F.O.C. PROD E; 1.2M W OF F.O.C. W/S; 16.6M S OF CB.
2015: 1.37 m N. OF BOW ON CURVE. 10.4 m N. OF STREET SUGN (OGDEN RD. - BONNY BRO
OK RD.)

NON COORDINATE REVISIONS

1970-10-06 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 | 2015-03-18 | 2015-05-01 |
| MARKER REPORTED IN GOOD CONDITION | 1992-05-26 | 1992-07-22 |

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 0 160

VERT

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 160