

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 43.63412 dms
Longitude 114 11 58.16041 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 29058

Tablet Markings 661-12.260

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1158.019 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5664011.537 m
Easting -13968.484 m
Convergence -0 09 19.00 dms
Station Ellipsoid Factor 0.999821
Station Combined Factor 0.999724

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 57422 661-12.224 | 125.106 | 1 112/2 | 0.999723 | 190 36 55.26 | 6.9 | 0.00 |
| 190215 661-12.258 | 132.704 | 1 83/2 | 0.999722 | 92 30 48.50 | 5.3 | 0.00 |
| 151100 661-12.225 | 142.956 | 1 91/2 | 0.999727 | 335 20 10.68 | 6.0 | 0.00 |
| 191726 661-12.257 | 148.367 | 1 101/2 | 0.999722 | 129 51 45.53 | 8.3 | 0.00 |
| 2451 661-12.244 | 185.106 | 1 70/2 | 0.999721 | 3 33 45.23 | 4.2 | -0.01 |
| 205104 661-12.175 | 202.327 | 1 59/2 | 0.999724 | 189 21 34.20 | 4.2 | 0.01 |

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

MARKER TYPE

Updated: 1994-02-04

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL.

COORDINATE HISTORY HORZ VERT

Originating Project 78039 78039
Published 83-08-18 83-08-18

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

MARKER LOCATION

Updated: 1994-02-04

ON W/S OF RD. ACROSS FROM HOUSE #6804 SILVER RIDGE WAY NW;
1.3 M W OF F.O.C.; 18.5 M N OF S WALL OF HOUSE PROD. W;
13.0 M S OF LT.S. .

NON COORDINATE REVISIONS

1978-12-06 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
MARKER REPORTED IN GOOD CONDITION.

1993-10-19 1994-02-04
1988-10-28 1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 260

VERT

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 260