

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 41.07820 dms
Longitude 114 13 30.58278 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-06

ASCM 40428

Tablet Markings 661-12.83

Date Printed 2025-08-03
Last Updated 2020-07-28

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 1983-04-29
Elevation 1123.449 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-06-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662083.763 m
Easting -15772.044 m
Convergence -0 10 30.79 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999730

| ASCM Tablet To Markings | Horizontal Distance (m)(cm) | Std Dev Order | PPM/ Factor | Grid/ Bearing (dms) | Grnd Dev (s) | T-t Corr (s) |
|----------------------------|--------------------------------|------------------|----------------|---------------------------|--------------------|--------------------|
| 180000 661-12.80 | 231.645 | 1 | 68/2 | 0.999735 | 55 16 59.03 | 4.8 -0.01 |
| 48900 661-12.79 | 328.823 | 1 | 45/2 | 0.999733 | 66 10 01.06 | 3.6 -0.01 |
| 19885 661-12.81 | 349.992 | 1 | 48/2 | 0.999733 | 32 34 09.36 | 2.9 -0.01 |
| 217620 661-12.78 | 529.056 | 1 | 30/2 | 0.999734 | 77 21 53.78 | 2.4 0.00 |
| 45393 661-12.85 | 581.120 | 1 | 29/2 | 0.999734 | 86 24 32.07 | 2.5 0.00 |
| 75960 661-16.21 | 652.874 | 1 | 26/1 | 0.999729 | 281 50 33.03 | 2.2 -0.01 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-06-19

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.92 m 1 m

ASC BRASS TABLET SET IN CONCRETE N EDGE OF RESERVOIR.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2020-01-08

Originating Project 72106 72106
Published 83-04-29 83-04-29

IN CONC. PAD ON N/S OF WATER RESERVIOR ON TOP OF SMALL HILL ON N/S OF
GEENWOOD VILLAGE MOBILE HOME PARK NW; 0.15 M S OF N EDGE OF CONC. PAD
ON CURVE; 27.5 M (SLOPE DISTANCE) N OF E-W STEEL BDY. FENCE;
25.0 M (SLOPE DISTANCE) E OF N-S STEEL FENCE; 4.10 M N OF CENTER
STEEL STOVE PIPE; ACCESS THROUGH FENCE ON WESTSIDE.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-06-19 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
MARKER REPORTED IN GOOD CONDITION.

2019-06-19 2020-01-08
1993-10-28 1994-02-04
1988-10-12 1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 83

HISTORY 56614 12 83