

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 37.49280 dms
Longitude 114 06 40.34946 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 57901
Tablet Markings 661-4.65
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1141.213 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661954.741 m
Easting -7790.034 m
Convergence -0 05 11.54 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
15016 1924.4	310.007	1 32/1	0.999719	14 01 38.52	2.8	-0.01
148361 661-4.54	315.821	1 31/1	0.999725	199 17 49.91	2.7	0.01
229344 661-4.66	321.312	1 34/2	0.999726	308 47 44.89	2.9	0.00
12146 661-4.64	349.458	1 31/2	0.999725	110 11 34.90	2.5	0.00
76224 661-4.232	361.315	1 39/2	0.999725	172 31 37.42	3.2	0.01
58610 661-8.119	381.191	1 29/1	0.999727	229 12 52.24	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-19

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.18 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

Originating Project 71103 71103
Published 84-01-07 84-01-07

ON S/S OF JOHN LAURIE BLVD. AND W OF 19 ST. NW; 4.7 M S OF B.O.R.C.;
51.0 M W OF 3RD LT.S.; 4.7 M N OF E-W STEEL FENCE.

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

NON COORDINATE REVISIONS

1971-12-20 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.

1993-09-22 1994-01-19
1988-11-18 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 65

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.65 56614 4 65