

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 47.22721 dms
Longitude 114 06 36.51199 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 15016
Tablet Markings 1924.4
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1202.046 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5662255.419 m
Easting -7714.914 m
Convergence -0 05 08.57 dms
Station Ellipsoid Factor 0.999814
Station Combined Factor 0.999715

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229799 1924.3	266.562	1	60/2	0.999714	111 13 37.18	2.4	0.00
57901 661-4.65	310.007	1	32/1	0.999719	194 01 38.52	2.8	0.01
152785 1924.5	339.059	1	71/2	0.999713	51 41 17.64	5.5	0.00
229344 661-4.66	340.417	1	35/2	0.999720	253 00 53.50	3.0	0.00
109058 661-8.117	446.849	1	27/1	0.999721	272 48 06.76	2.0	0.00
12146 661-4.64	491.423	1	26/1	0.999720	149 02 08.75	2.2	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-06-29

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM AGL, 60 CM NORTH OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-06-29

Originating Project 69109 69109
Published 70-05-22 70-05-22
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

IN NOSE HILL PARK NEAR THE SOUTH BOUNDARY OF THE SOUTH WEST 1/4 SECTION 5-25-1
-5; 241.30 M NORTH OF THE NORTH PROPERTY LINE STEEL FENCE LINE OF JOHN LAURIE
BOULEVARD NORTH WEST; 88.0 M EAST OF THE CENTER LINE OF CHARLES WOOD DRIVE
PRODUCED NORTH; 1.4 M SOUTH EAST OF THE CENTER OF A SMALL ROCKY OUTCROP.

NON COORDINATE REVISIONS

1970-05-22 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.

1994-05-11 1994-06-29
1988-11-18 1989-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 24

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 4 24