

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 37.91259 dms
Longitude 114 06 15.46265 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 68148
Tablet Markings 1925.2
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1224.208 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663820.989 m
Easting -7303.140 m
Convergence -0 04 52.24 dms
Station Ellipsoid Factor 0.999811
Station Combined Factor 0.999711

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)
296483 1925.1	443.701	1	50/2	0.999714	83 01 59.96	2.9	0.00
46482 1925.3	492.149	1	47/2	0.999710	269 51 14.28	2.9	0.00
40386 1925.4	730.921	1	29/2	0.999711	358 39 41.04	2.3	-0.01
46128 200248	756.071	1	30/2	0.999713	116 23 08.47	2.5	0.01
280925 2025.3	826.190	1	27/2	0.999711	69 27 56.10	2.3	-0.01
187443 2025.2	844.058	1	28/2	0.999715	89 12 41.20	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-05-01

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.22 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30.0 CM SOUTH 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 NORTH 1/4 I OF THE NORTH EAST SECTION 5-25-1-5; ALSO
IN LINE WITH 64 AVENUE PRODUCED WEST AND ON THE NORTH SIDE OF AN ABANDONED
GRAVEL PIT; 73.9 M WEST OF A LONE POWER POLE WHICH IS ON NORTH SIDE OF PIT;
7.15 M SOUTH OF A MAIN HIKING TRAIL.

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.

1994-05-31 1994-06-29
1988-11-18 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 30

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 4 30