

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 01.55302 dms
Longitude 114 06 16.39361 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 40386
Tablet Markings 1925.4
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1228.218 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-09-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5664551.499 m
Easting -7320.210 m
Convergence -0 04 53.00 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
283630 199257	657.460	1	29/2 0.999711	60 42 14.44	2.3	-0.01
73841 200254	728.453	1	34/2 0.999711	107 07 55.67	2.8	0.00
68148 1925.2	730.921	1	29/2 0.999711	178 39 41.04	2.3	0.01
296483 1925.1	817.009	1	29/2 0.999713	145 56 46.61	2.5	0.01
46482 1925.3	872.629	1	30/2 0.999711	212 59 04.85	2.5	0.01
249490 196260	890.336	1	21/1 0.999711	2 30 55.97	1.8	-0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-30

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
FLUSH W/GRD.

COORDINATE HISTORY

HORZ

VERT

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

MARKER LOCATION

Updated: 2001-08-30

IN NOSE HILL PARK IN THE SE 1/4 SEC 8-25-1-5;
406.4 M S OF C/L OF AN E-W ASPHALT PATHWAY;
942.50 M E OF C/L OF 24 ST RD/A;
67.0 M N OF THE N/S OF LARGE ROCK PILE LOCATED AT S END OF A COULEE
(MARKER SITS ON E/S).

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

1995-09-25 2001-08-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 21

VERT

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 4 21