

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 51 06 04.98066 dms
Longitude 114 06 09.59548 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 63-03

ASCM 5314

Date Printed 2025-08-03
Last Updated 2019-03-25

Tablet Markings 636012

Vert Datum CVD28 Updated: 1999-06-21
Elevation 1223.852 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Marker Condition GOOD 99-02-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5662803.239 m
Easting -7190.436 m
Convergence -0 04 47.64 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)
350769 350769	1096.344	1	8/1	0.999719	243 51 17.29	0.7	0.01
350553 350553	1376.923	1	7/1	0.999719	154 38 12.43	0.5	0.02
349787 349787	1581.950	1	6/1	0.999718	56 32 56.28	0.5	-0.01
391110 391110	2289.799	1	5/1	0.999722	103 36 47.77	0.4	0.01
391169 391169	2331.805	1	4/1	0.999722	69 43 30.96	0.3	-0.01
351155 351155	2459.584	1	4/1	0.999721	218 14 25.13	0.3	0.04

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.21 m 1 m

MARKER TYPE

Updated: 1976-01-01

IRON BOLT CEMENTED IN LARGE BOULDER, WHICH PROTRUDES ABOUT 5CM AGL.

COORDINATE HISTORY HORZ VERT

Originating Project 76075 76075
Published 85-02-19 85-02-19

Revising Project 96005 99101
Published 98-11-18 99-06-21
Revising Project NAD83
Published 94-05-24
Revising Project
Published

MARKER LOCATION

Updated: 1993-12-31

IN THE CENTRE OF A SQUARE CABLE FENCED AREA IN THE SE 1/4 SEC 5-25-1-5 OF NOSE HILL PARK N.W.; 300.2 M WEST OF THE WEST CORNER OF A BLUE AND GRAY COLOURED BUILDING; 57.6 M SE OF THE SOUTH EAST SIDE OF AN ABANDONED GRAVEL PIT; 6.10 M WEST OF THE EAST SIDE OF A CABLE FENCE; 6.0 M SOUTH OF THE NORTH SIDE OF A CABLE FENCE.

NOTE: THIS STATION IS A REFERENCE MARK OF ORIGINAL "NOSE" STATION WHICH IS STILL INTACT AND 17.39' AT AZ 311 DEG 30' FROM THIS STATION (NOSE II).

NON COORDINATE REVISIONS

1976-01-01 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	1999-02-17	1999-11-23
MARKER REPORTED IN GOOD CONDITION	1994-05-25	1995-02-03
MARKER REPORTED IN GOOD CONDITION	1993-09-22	1993-12-31
MARKER REPORTED IN GOOD CONDITION.	1988-11-18	1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 98-11-18
94-05-24

RE-INTEGRATED FOR BETTER ORDER.
ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 1 NGBD # 636012
NGBD NAME NOSE 2
HISTORY 56614 4 1

VERT

99-06-21 0.030 m ELEVATION REVISED-INTEGRATED INTO CCS DBM NET