

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 43.69857 dms
Longitude 114 05 57.93355 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 48710

Tablet Markings 661-4.67

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1193.153 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662145.317 m
Easting -6964.443 m
Convergence -0 04 38.54 dms
Station Ellipsoid Factor 0.999816
Station Combined Factor 0.999716

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)
15362 1924.1	135.897	1	74/2	0.999721	66 34 44.47	6.0	0.00
229799 1924.3	502.391	1	34/2	0.999718	271 33 12.94	2.3	0.00
196428 661-4.72	528.715	1	39/2	0.999721	101 11 08.74	3.0	0.00
152785 1924.5	580.938	1	43/2	0.999716	303 27 47.06	3.5	-0.01
12146 661-4.64	587.134	1	25/1	0.999722	237 59 09.15	2.1	0.01
135632 200236	627.576	1	21/1	0.999720	146 58 19.12	1.8	0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.21 m 1 m

MARKER TYPE

Updated: 1993-12-31

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL, 0.55 M NORTH OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71103	71103
Published	84-01-07	84-01-07
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-12-31

ON NOSE HILL AND NW OF THE WINTER CLUB IN THE NE 1/4 SEC 32-24-1-5; 383.8 M EAST OF THE C/L OF 19 STREET PRODUCED NORTH; 439.0 M NORTH OF THE NORTH PROPERTY LINE STEEL FENCE OF JOHN LAURIE BLVD.; 2.20 M NNE OF THE SW SIDE OF THE WINTER CLUB, PRODUCED NW.

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.

1993-10-25 1993-12-31
1988-11-29 1989-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 67

VERT

00-06-15

0.041 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.67 56614 4 67