

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 25.70161 dms
Longitude 114 03 35.33747 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 6882

Tablet Markings 661-4.185

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1071.365 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 09-05-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5663440.200 m
Easting -4188.845 m
Convergence -0 02 47.60 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

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)
150821 661-4.190	183.071	1	55/2	0.999733	5 57 16.75	4.3	0.00
127514 661-4.184	202.580	1	44/2	0.999733	183 05 42.32	3.4	0.00
202267 661-0.124	275.294	1	40/2	0.999736	43 05 16.37	3.2	0.00
238386 661-4.191	373.305	1	32/2	0.999734	358 18 55.07	2.7	0.00
34280 661-4.188	405.805	1	32/2	0.999735	286 11 45.65	2.7	0.00
263780 661-0.119	477.779	1	27/1	0.999736	122 38 14.57	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2009-06-04

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.30 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-23

Originating Project 74114 74114
Published 74-08-01 74-08-01

IN PARK ON THE S/S OF BLACKTHORN RD AND JUST E OF THE LANE E OF TWEED ST NE;
2.2M S OF B.O.W. PROD E; 1.1M W OF B.O.W. W/S PROD S; 1.5M SSW OF B.O.W. ON
CURVE; 0.5M E OF E P/L FENCE OF LANE PROD N; 2.5M SE OF LT.S.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1975-01-30 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2009-05-06	2009-06-04
MARKER REPORTED IN GOOD CONDITION	2008-03-18	2008-07-22
MARKER REPORTED IN GOOD CONDITION	1993-08-06	1994-01-18
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED	1991-07-10	1992-01-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 185

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.185 56614 4 185