

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

Horz Datum NAD83 Updated: 1997-04-10
Latitude 50 54 52.16650 dms
Longitude 114 20 10.99674 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

Date Printed 2025-08-03
Last Updated 2011-01-05

ASCM 55855

Tablet Markings 50114.215

Mapsheet Name CALGARY L
Mapsheet Number 5640 - 020

Vert Datum CVD28 Updated: 1997-04-10
Elevation 1217.056 m
Vert Class PROVISIONAL , GPS SAT. POS.

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

Marker Condition GOOD 10-08-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2008-10-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5642062.671 m
Easting -23654.639 m
Convergence -0 15 39.99 dms
Station Ellipsoid Factor 0.999812
Station Combined Factor 0.999719

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
30668 756044	3028.508	1	2/1	0.999719	37 59 00.76	0.1	-0.14
211946 50114.219	5504.944	1	54/3	0.999722	358 49 17.29	4.6	-0.33
176727 ASTRO A	5667.217	1	1/1	0.999714	148 03 56.71	0.1	0.28
429225 PRDS CACS-ACP	5671.316	1	1/1	0.999714	148 04 26.64	0.1	0.28
278879 756042	7010.515	1	6/1	0.999719	19 15 37.23	0.4	-0.38
232629 756038	8255.009	1	5/1	0.999702	295 11 22.74	0.4	-0.23

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1985-01-30

Meridian Defl,XI(+N) 4.9 s 2 s
Prime Vert Defl,ETA(+E) 9.7 s 2 s
Geoid_Ellip Separation -15.23 m 1 m

ASC BRASS CAP ON A 6CM DIA STEEL PIPE 2.44M LONG WITH A HELIX BASE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1997-04-01

Originating Project 50114 50114
Published 85-01-30 85-01-30

Revising Project 97005 97005
Published 97-04-10 97-04-10
Revising Project NAD83
Published 94-05-24
Revising Project
Published

NEAR THE CENTER OF SEC 34-22-3-5; 12.5 M NE OF C/L OF GRAVEL LANE GOING N TO FARM YARD; 53.8 M S OF AN E-W FENCE LINE; 0.76 M W OF A N-S FENCE LINE; 0.3 M S OF GP; 23.6 M N OF INT OF C/L OF AN E-W GAS LINE AND E SHOULDER OF LANEWAY. PROPERTY OF MR ROY RANGE, PHONE 931-3532.

ID PHOTO: ROLL AS 2745 FRAMES 5 & 6.

NON COORDINATE REVISIONS

1985-01-30 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 2010-08-13 2011-01-05
MARKER REPORTED IN GOOD CONDITION BY R OXTOBY OF RDD 1997-03-14 1997-04-01

COORDINATE HISTORY COMMENTS

HORZ 97-04-10 337 29 20 0.191 m REV HORZ COORDINATES-BETTER INTEGRATION
94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 504114 215 NGBD # 76X053
NGBD NAME 50114.215
HISTORY 504114 215

97-04-10 -0.383 m PREVIOUS ISS ELEVATION REPLACED BY GPS