

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 09.66082 dms  
Longitude 114 18 36.11874 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 30668

Tablet Markings 756044

Date Printed 2025-08-03  
Last Updated 2008-10-09

Mapsheet Name CALGARY L  
Mapsheet Number 5643 - 020

Vert Datum CVD28 Updated: 1997-04-10  
Elevation 1210.622 m  
Vert Class PROVISIONAL , GPS SAT. POS.

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

Marker Condition GOOD 97-03-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2008-10-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5644449.032 m  
Easting -21791.313 m  
Convergence -0 14 26.61 dms  
Station Ellipsoid Factor 0.999813  
Station Combined Factor 0.999719

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)
211946 50114.219	3690.928	1	72/3	0.999722	327 36 41.62	6.1	-0.18
278879 756042	4254.820	1	9/1	0.999718	6 03 09.90	0.7	-0.23
204495 50114.220	6507.704	1	68/3	0.999720	69 42 00.96	5.8	-0.11
176727 ASTRO A	7285.325	1	5/1	0.999714	171 02 48.67	0.4	0.39
95513 50114.214	7367.563	1	7/1	0.999723	107 00 33.02	0.5	0.11
757948 757948	7483.064	1	6/1	0.999722	109 23 24.18	0.5	0.12

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.6 s 2 s  
Prime Vert Defl,ETA(+E) 9.2 s 2 s  
Geoid\_Ellip Separation -15.37 m 1 m

MARKER TYPE

Updated: 1990-12-12

GSC TABLET, STAMPED 756044, SET IN A CYL CONC BLOCK  
A SSMRK EXISTS. 10 CM ABOVE GROUND LEVEL. 3 G.P.'S

COORDINATE HISTORY

HORZ VERT

Originating Project 76075 76075  
Published 85-02-19 85-02-19  
  
Revising Project NAD83 97005  
Published 94-05-24 97-04-10  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1997-05-23

ON THE TSUU T'INA NATION INDIAN RESERVE IN THE NE 1/4-2-23-3-5; FOLLOW ROAD  
ENTERING THE RESERVE FROM THE SOUTH, TRAVEL 5.5 KM N.E.;  
TURN WEST AND TRAVEL 2 KM ON GRAVEL ROAD; TURN SOUTH AND FOLLOW GRAVEL  
ROAD FOR 3.5 KM; TURN SOUTH AND FOLLOW ROAD TO FARM HOUSE; MONUMENT  
IS 250M S.E. OF HOUSE; ON E-W FENCE LINE.

REF 756044A AZ 91-24 DIST 17.164 M DELE -1.31 M  
REF 756044B AZ 271-23 DIST 15.440 M DELE +0.55 M

NOTE: PERMISSION MUST BE OBTAINED FROM THE TSUU T'INA NATION ADMINISTRATION  
BEFORE VISITING THIS STA. PHONE 281-4455 FAX 251-6061

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 BY D MALTBY,CST OF RDD 1997-03-14 1997-04-01  
MARKER REPORTED IN GOOD CONDITION 1990-10-10 1990-12-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 504114 31 NGBD # 756044  
NGBD NAME RES  
HISTORY 504114 31

VERT

97-04-10 0.204 m PREVIOUS TRIG ELEVATION REPLACED BY GPS