

2 cm

LEAVE SPACE FOR RECORD DETAILS

5 X 20 CENTIMETRES

# SPECIMEN ONLY

FIELD NOTES OF  
 CONTROL TIES TO  
 CONTROL MARKERS FOR  
 SANDY POINT INDIAN RESERVE No.59  
*(Location Description)*  
*(See Guidelines for Preparation of Plans)*

THIS SURVEY WAS EXECUTED DURING THE PERIOD  
 SEPTEMBER 19 TO 21, 1993 BY T. FAWCETT, CLS

SCALE 1:50,000



### LEGEND

- Control Survey Markers, found
- Control Survey Markers, placed

### NOTES

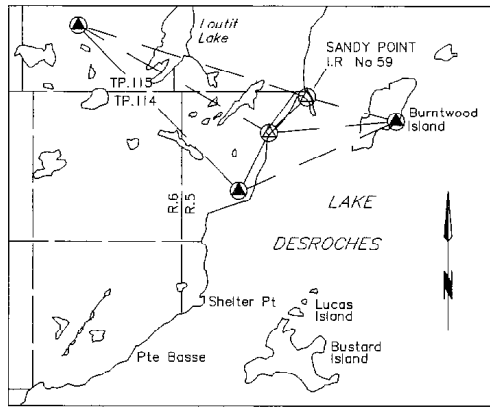
Position differences were determined from GPS satellite observations collected with Leica System 200 receivers and processed with the Leica "SKI" software package.  
 Final coordinates were derived from a three dimensional least square adjustment of the position differences using the program "GEO LAB". Ellipsoidal height differences were used for derivation of elevation of all new stations (Slope of geoid was assumed to be negligible).  
 Full details about the determination of position differences and final coordinates are contained in the Surveyor's Report FB\_\_\_\_\_.  
 Survey marker description sheets with final coordinates are recorded in FB\_\_\_\_\_.  
 Coordinates for control markers 145409, 90282 and 346072 were obtained from the National Geodetic Data Base on August 20, 1993.

I, T. Fawcett, of the Village of Uffington, Canada Lands Surveyor, solemnly swear that I have in my own proper person, according to law and the instructions of the Surveyor General of Canada Lands, faithfully and correctly executed the survey shown on these field notes, and that the said field notes are correct and true to the best of my knowledge and belief.  
 SO HELP ME GOD.

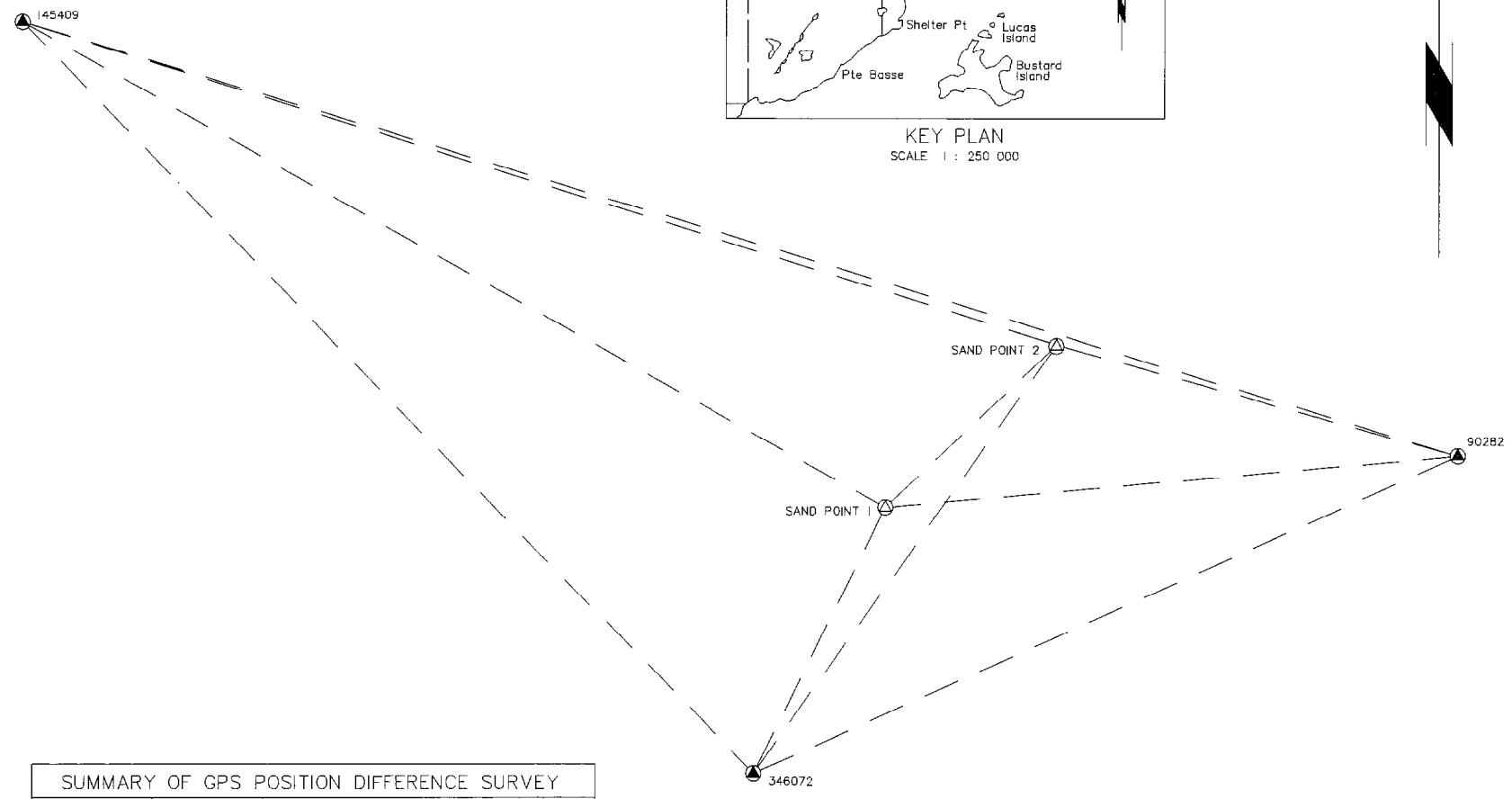
Sworn before me at Quebec  
 this 25 day of October, 1993. \_\_\_\_\_ CLS

          
*Signed*  
Justice of the Peace or  
Notary Public or  
Commissioner for Oaths or  
Canada Lands Surveyor } See Sec. 49 Canada Lands Surveys Act

*(Note: Oath may be substituted by solemn affirmation in accordance with the provisions of Chapter D1)*



KEY PLAN  
 SCALE 1 : 250 000



SUMMARY OF GPS POSITION DIFFERENCE SURVEY

FROM STATION	TO STATION	COORDINATE DIFFERENCE OBSERVATIONS (Metres)		
		DELTA X	DELTA Y	DELTA Z
145409	90282	14123.736	-16768.974	5893.612
145409	346072	2981.984	-15021.296	6316.196
145409	Sand Point 1	6707.355	-12829.030	5896.996
145409	Sand Point 2	10103.183	-12217.116	4207.395
346072	90282	11141.722	-1747.606	-2422.563
346072	Sand Point 1	3726.149	2193.188	-2616.585
346072	Sand Point 2	7121.977	2805.102	4106.236
90282	Sand Point 1	-7145.359	3940.457	-194.909
90282	Sand Point 2	-4019.531	4552.371	-1684.560

STATION	GEOGRAPHIC			ELEVATION (Metres)
	LATITUDE N	LONGITUDE W		
145409	53° 27' 15.24418"	118° 21' 12.46515"		2068.708
90282	53° 21' 51.23981"	118° 02' 50.05580"		2169.497
346072	53° 19' 28.21115"	118° 12' 25.47890"		2442.530
Sand Point 1	53° 21' 59.5277"	118° 10' 24.007"		2336.791
Sand Point 2	53° 23' 18.844"	118° 07' 57.717"		2254.681

CANADA LANDS SURVEYS RECORDS

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