

COMPILATION INVENTORY
OF
GRANULAR MATERIAL RESOURCES INFORMATION
BORDERED BY
LATITUDE 60° AND 66° AND
LONGITUDE 96°/98° AND HUDSON BAY
IN N.W.T.



D002311

J D MOLLARD AND ASSOCIATES LIMITED

CONSULTING CIVIL ENGINEERS AND ENGINEERING GEOLOGISTS



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¹ Figures 1 to 18 in this report are preceded by a key map of the study area.

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1.0 TERMS OF REFERENCE FOR STUDY

- a) Assemble at the contractor's premises all known aerial photographic studies and associated reports available for the study area defined by National Topographic Series (NTS) Map Sheets 55D, 55E, 55F, 55K, 55L, 55M, 55N, 55O, 56A, 56B, 56C, 56D, 56E, 56F, 56G, 56H, 65A, 65H.
- b) Review the assembled information to determine all potential granular resource materials identified in the study area and plot on 1:250,000 series basemaps.
- c) Provide copies (non-reduced) of existing maps (photomosaic base, wherever possible), or air photos, with 2-3 reference points in UTM or Lat/Long which delineate each of the main granular resources on each map sheet in terms of largest volume, highest quality, or greatest potential for development.
- d) Provide a table or deposit summary which includes deposit number (unique values on each deposit), location (UTM coordinates) and where possible, information on the landform and geological origin, potential volume of granular material, an indication of potential constraints to development (e.g. frozen or unfrozen, possible massive ice) and any additional comments.
- e) Prepare a brief report on the potential granular resources of the study area.

DELIVERABLES

The contractor will be required to submit the following items for review and acceptance by the Scientific Authority:

- a) A very brief progress statement as an attachment to each request for progress payment.
- b) One set of full-sized 1:250,000 maps covering the study area, with all potential granular material sources reviewed as part of this study clearly marked and labelled, by not later than March 31, 1995.
- c) A final report, in 10 bound paper copies and one (1) unbound original, together with 1 copy of the report on disk (*WordPerfect* format) describing the work undertaken on this contract and presenting the results obtained in photo-reduced map and in tabular forms, by not later than March 31, 1995.

2.0 PROSPECT VS DEPOSIT

This study extracts information from existing in-house maps and reports and from airphoto mapping studies (circa 1960-1993) done in the Northwest Territories for clients of J D Mollard and Associates Limited. Only a few of these office airphoto-mapped prospects have been field checked by ourselves though many may have been checked by other private companies or government agencies. Accordingly, a source area shown on the inventory maps in this study will not be classified specifically as a prospect (an unproven airphoto-mapped prospect area) versus a deposit (a mapped prospect that has been field checked and proven as positive with respect to the presence of aggregate). Rather, we have simply regarded all site areas as undifferentiated and called them *prospects* in our inventory tables.²

² For purposes of this study the word *prospect* will be used in the remainder of this report to discuss all numbered site-areas.

3.0 UTM COORDINATES OF PROSPECTS

Where a prospect area is small, only a single UTM coordinate is shown in the inventory table. Where a prospect covers a larger area and where the approximate shape of the prospect area can be meaningfully shown on the NTS maps either 2, 3, or occasionally 4 UTM coordinate locations (eastings and northings) are shown in order to define the location.

4.0 LANDFORM

Many of the prospect landforms in the study area are complex, hence more than one landform type may be shown in the inventory table. For example, there are many esker-outwash complexes where these two landforms occur together within a single mapped prospect area. Similarly there may occasionally be eskers that have esker deltas and/or beaches associated with them. In these cases two or more landforms will be shown against the prospect number and the appropriate inventory table will include multiple topographic expressions because of the several landforms involved.

5.0 SURFACE TOPOGRAPHY OF PROSPECTS

The surface topography of prospect areas shown in inventory tables is derived mainly from the known common topography of the specific landform in question; this because the present study has been carried out without aid of re-examination by stereoscopic viewing. For this reason the surface topography shown for the various prospects should be regarded as approximate.

As noted above, where more than one surface topography is expected to exist in the prospect area there will be several topographic reliefs present in the inventory table. For example, an esker-outwash complex would be shown as being a ridge and a plain. Similarly, an esker and associated kame and beach would have the topographic expression shown as a ridge, hill, plain, and slope.

Because of the complexity of landforms in the study area it is difficult to define the probable landform topography precisely but this column, in the tables, will at least give the user an approximate "feel" of the topographic forms in the prospect area.

6.0 ESTIMATE OF PROSPECT SIZE

A PROSPECT SIZE column is shown in the inventory table of each NTS sheet. Prospects are simply categorized as to order-of-magnitude; this rather than attempting to make a more precise estimate -- an estimate that one would have to attempt without the aid of stereoscopic airphoto examination.

Categories used (M³):

Small - tens of thousands to hundreds of thousands
Medium - hundreds of thousands to millions
Large - millions to tens of millions

7.0 COMMENTS COLUMN IN INVENTORY TABLES

The last column in the inventory tables marked COMMENTS is needed only occasionally. There may be a few landforms such as esker-deltas that are not shown in the inventory table format and these may be noted under this column. As well, where the landform is uncertain, or no record of

landform is available in existing studies, then this fact may be noted here.

8.0 EXPECTED PERMAFROST CONDITIONS

The study area falls completely within the continuous permafrost zone. Accordingly one should expect that nearly all, if not all, of the gravel prospect areas shown on the maps in this report have permafrost present. And one should expect permafrost conditions to be present near-surface and to extend downward throughout the entire depth of these granular deposits. We would expect many of the deposits to contain ice-wedges (normally called "carrots") randomly located throughout their depth and areal extent. Depth of the thawed surface layer will depend on the thickness of the organic cover (moss and peat) present over each individual prospect. For the most part, the thawed layer, even in July/August, is not expected to be over a foot or two deep. The south-facing essentially unvegetated slopes of steep-sided eskers and other well-elevated ice-contact deposits may be the best locations for gravel recovery. But even here it is expected that one would have to remove gravels a few feet at a time allowing for gradual thawing between removal episodes. Blasting may be a method for improving the recovery rate and quantity of granular materials from the landforms documented in this report.

TABLE 1
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55D		ZONE 15 V		SHEET 1 of 3																
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large		
1	350000 354000	6762800 6762500	X								X					X				
2	347000 352000	6758500 6757500							X		X			X					X	
3	343000 350000	6754000 6754500	X								X					X				
4	361000 366000	6751500 6747500	X						X		X		X	X		X				
5	368000 375000 381000	6757200 6758500 6759000	X								X					X				
6	382500 387000 387000	6758500 6759500 6763000	X						X		X		X	X					X	
7	405000 409000	6754500 6754000							X				X	X			X			
8	397000 399000	6748500 6749000							X				X	X			X			
9	401000 404500	6746500 6742500	X						X		X		X	X		X				
10	432500 431500	6759500 6753000							X				X	X		X				
11	338000 346000	6740000 6737000	X						X		X		X	X		X				
12	352000 358000	6742000 6742500	X								X					X				
13	374500 377000	6737000 6737500	X						X		X		X	X			X			
14	367000 371000	6729500 6731000							X				X	X					X	
15	390000 399000 407000	6743000 6742000 6738500	X								X						X			
16	384500 390000	6730500 6729800	X								X					X				
17	392500 398500	6730500 6731800	X								X					X				
18	379000 384500	6726000 6724500	X								X					X				
19	380000 388000	6720000 6723000	X								X					X				
20	392000 394500 394500	6719500 6720000 6722500							X				X	X			X			
21	402500 406000 406000	6717000 6718500 6721500							X				X	X					X	
22	401000 404000 406000	6730000 6729000 6731500							X				X	X					X	
23	409500 413500	6729500 6729000	X						X		X		X	X		X				

NOTE: Many of the eskers are also "beached" from wave action (sea) and thus are designated as both esker and beach deposits

NOTE: Many of the eskers are also "beached" from wave action (sea) and thus are designated as both esker and beach deposits

TABLE 1
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55D			ZONE 15V												SHEET 2 of 3				
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
24	416500 420000	6725000 6729000							X				X	X				X	
25	411000 413500	6710500 6715000							X				X	X				X	
26	345000 355000	6725000 6722500	X						X		X		X	X		X			
27	338000 343000	6707500 6708000	X						X		X		X	X			X		
28	351000 360000	6706000 6707000	X						X		X		X	X		X			
29	361500 367000	6711000 6710500	X						X		X		X	X		X			
30	378000 383500	6704000 6705500	X	X					X		X	X	X	X		X			
31	390000 394500	6703500 6701000	X					X			X		X	X		X			
32	345000 350000	6693000 6694500	X						X		X		X	X			X		
33	355500 357500	6695000 6692500	X								X					X			
34	361000 364000	6691500 6693000	X								X					X			
35	367000 375000 381000	6695500 6696000 6696500	X						X		X		X	X			X		
36	390000 392500 393000	6696000 6696500 6700000	X						X		X		X	X		X			
37	389000 392500	6691500 6693500	X								X					X			
38	407500 408500	6692500 6695000							X				X	X		X			
39	341000 348000	6680500 6682500	X						X		X		X	X		X			
40	362000 365000 363000	6682500 6682500 6684000	X						X		X		X	X			X		
41	383000 388000	6686000 6685500	X								X					X			
42	390000 396000	6684000 6687000	X						X		X		X	X		X			
43	388000 392000	6679000 6682000	X						X		X		X	X		X			
44	399000 399000	6681000 6683000							X				X	X				X	
45	334000 337000	6664000 6666000	X						X		X		X	X		X			
46	338000 342000	6658500 6660000	X						X		X		X	X		X			
47	350000 356000	6664000 6667000	X						X		X		X	X		X			
48	384000 388000	6671000 6670500	X						X		X		X	X		X			

TABLE 1
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 2
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55E			ZONE 15V										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esler	Kome	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	345500 348000	6876000 6872000	X								X								
2	343000 347000	6869500 6864000	X								X					X			
3	359000 361000	6876000 6870500	X								X					X			
4	355500 360000 363000	6861000 6855000 6846000	X								X							X	
5	365000 369000 372000	6868000 6864000 6858500	X								X						X		
6	365000 372000 379000	6845000 6841000 6838000	X								X							X	
7	382500 386000 390000	6847500 6842000 6837000	X								X						X		
8	387000 390000	6851000 6850000	X								X					X			
9	395000 399000 403000	6875000 6870000 6867000	X								X						X		
10	406500 409000	6861500 6861000						X				X	X					X	
11	405500 410000 415000	6860000 6851000 6846500	X					X			X		X	X			X		
12	412000 416500	6870000 6866000	X								X					X			
13	419000 419000	6850000 6849500						X					X	X				X	
14	421000 423000	6848000 6847000	X					X			X		X	X				X	
15	426000 432000	6854500 6851000	X								X					X			
16	429000 433000 435000	6861000 6859500 6856000	X					X			X		X	X		X			
17	437000 436500	6858000 6851000						X					X	X				X	
18	432500 435000	6847000 6846500	X					X			X		X	X				X	
19	431000 434000	6844500 684000	X	X							X		X	X		X			
20	410000 414000	6836500 6834000	X	X							X		X	X		X			
21	419500 423000	6829000 6826000	X					X			X		X	X		X			
22	422000 425000	6831000 6827000	X								X							X	
23	430000 434000	6822000 6823000	X					X			X		X	X				X	

TABLE 2
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55E			ZONE 15V										SHEET 2 of 3					COMMENTS	
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
24	436000 441000 446000	6827000 6826000 6829500	X						X		X		X	X				X	
25	347000 350000	6839000 6834500	X								X					X			
26	360000 363500	6835200 6834500	X								X					X			
27	347000 351000	6828500 6830000	X								X					X			
28	342000 349000 354000	6828000 6823000 6821000	X								X					X			
29	380000 382000	6818000 6817200							X				X	X		X			
30	386000 390500 395000	6831500 6826500 6823000	X		X						X		X	X			X		
31	396000 400000 401000	683000 6826000 6821000	X		X						X		X	X		X			
32	397000 406000 413000	6821000 6815000 6813000	X						X		X		X	X				X	
33	420000 426000	6812500 6809500	X						X		X		X	X		X			
34	430000 434000 437000	6807500 6805000 6799000	X						X		X		X	X			X		
35	348000 355000 360000	6809500 6811000 6812000	X								X						X		
36	343000 348000 353000	6805500 6807000 6808000	X						X		X		X	X			X		
37	356000 363000	6810000 6811000	X								X					X			
38	376000 385000 392000	6809500 6808200 6807500	X								X						X		
39	382000 383000	6799000 6801500							X				X	X		X			
40	400000 410000 419000	6806500 6802500 6799500	X						X		X		X		X			X	
41	421500 430000 439500	6799200 6798000 6796500	X						X		X		X	X				X	
42	431000 440000	6794500 6791000	X						X		X		X	X				X	
43	349000 354000	6790000 6790000	X								X						X		
44	352000 358000	6779000 6777500	X						X		X		X	X		X			
45	352000 359000	6773500 6773600	X								X					X			

TABLE 2
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 3
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55F			ZONE 15V										SHEET 1 of 2						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esler	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	451000 455000	6866500 6865000	X								X					X			
2	456000 459000	6868000 6864000	X								X					X			
3	458500 463000	6866000 6864000	X								X					X			
4	457500 463000	6862000 6858000	X								X						X		
5	463000 468000	6853000 6850500	X								X					X			
6	464000 467000	6859500 6858000	X								X					X			
7	469000 474000	6858000 6857500	X								X					X			
8	462000 469000	6874000 6868500	X								X						X		
9	466500 469000	6874000 6872000	X								X					X			
10	477000 478000	6874000 6872000	X								X					X			
11	479500 481500	6870500 6869500	X								X					X			
12	487000 494000	6865000 6860500	X						X		X		X	X			X		
13	496000 502000	6867500 6863000	X								X						X		
14	507500 508500	6867500 6866500	X						X		X		X	X		X			
15	510000 513000	6867500 6865000	X						X		X		X	X		X			
16	502500 503500	6851500 6850500							X				X	X		X			
17	516500 517500	6858000 6856500							X				X	X		X			
18	451000 459000	6846500 6845000	X						X		X		X	X			X		
19	448000 453000	6839000 6836000	X								X					X			
20	456000 459500	6835500 6833500	X						X		X		X	X				X	
21	447000 449000	6831500 6830000	X						X		X		X	X		X			
22	451500 451000 448000	6832500 6827000 6824000							X				X	X				X	
23	461000 463500	6849000 6846500	X								X					X			
24	462000 466000	6841000 6837500	X						X		X		X	X		X			
25	458000 463000 471000 478000	6831000 6833000 6839000 6842000							X				X	X				X	

TABLE 3
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 4
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55K			ZONE 15V										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	451000 454000 458000	6983000 6981000 6978000	X								X					X			
2	461000 466000 470000 473000 479000	6978000 6971000 6963000 6958000 6952000	X								X					X			
3	476000 479000 483000	6961000 6955000 6950000	X								X					X			
4	483000 485000	6961000 6959000	X						X		X		X	X		X			
5	473000 475000 479000 482000 486000 489000 495000	6985000 6978000 6970000 6966000 6961000 6952000 6946000	X								X								X
6	491000 493000 495000	6983000 6972000 6960000	X								X					X			
7	510000 511000 514000	6974000 6967000 6964000	X								X							X	
8	532000 536000	6978000 6975000	X						X		X		X	X		X			
9	526000 533000 540000 544000	6984000 6981000 6975000 697000	X		X						X		X	X			X		
10	547000 550000	6985000 6981000	X		X						X		X	X			X		
11	549000 550000	6976000 6973000							X				X	X		X			
12	526000 529000	6968000 6962000	X						X		X		X	X				X	
13	451000 460000 466000	6967000 6962000 6955000	X								X							X	
14	452000 459000 466000	6960000 6951000 6941000	X								X							X	
15	468000 470000	6950000 6941000	X								X						X		
16	472000 471000	6953000 6949000	X						X		X		X	X				X	
17	472000 468000 475000 480000	6939000 6936000 6932000 6923000	X		X						X		X	X				X	
18	483000 486000 490000	6948000 6943000 6937000	X								X					X			

TABLE 4
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55K			ZONE 15V										SHEET 2 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
19	505000 506000	6953000 6951000							X				X	X		X			
20	508000 508000	6953000 6948000	X								X					X			
21	520000 521000	6955000 6954000							X				X	X		X			
22	518000 522000	6939000 6936000	X								X					X			
23	532000 536000	6954000 6950500	X						X		X		X	X		X			
24	532000 533000	6943000 6942000							X				X		X	X			
25	538000 544000	6947000 6943000	X						X		X		X	X		X			
26	546000 550000	6946000 6943000	X						X		X		X	X		X			
27	540000 542000	6940000 6937500	X								X					X			
28	545000 550000	6935500 6933500	X								X					X			
29	500000 508000 515000	6943000 6936500 6931500	X								X						X		
30	450000 450000	6943000 6941000							X				X	X		X			
31	457000 458000	6938500 6937500							X				X	X		X			
32	460000 462500	6927000 6929000							X				X	X				X	
33	463000 465000	6925000 6929000							X				X	X				X	
34	453000 460000 470000 473000	6925000 6923000 6918000 6913500	X								X							X	
35	490000 491000	6915000 6914000							X				X	X		X			
36	490000 495000	6919000 6913000	X						X		X		X	X			X		
37	505500 507000 508000	6923500 6924500 6921000	X						X		X		X	X			X		
38	507000 515000 520000	6914500 6909000 6903000	X						X		X		X	X				X	
39	514000 518000 523000	6913000 6908000 6904000	X						X		X		X	X				X	
40	520000 522000	6923500 6922000	X						X		X		X	X		X			
41	524000 527000	6920000 6918000	X						X		X		X	X		X			

TABLE 4
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 5
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55L			ZONE 15V										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	384000 385000	6987000 6981000	X								X					X			
2	369000 374000 377000	6983000 6979000 6974500	X								X							X	
3	367500 371000 372500	6975500 6972000 6965500	X								X						X		
4	374000 375000	6961000 6958000	X								X					X			
5	347000 351000 356000	6966000 6962000 6958500	X	X							X		X	X			X		
6	362000 367000 371500	6957300 6954000 6949500	X						X		X		X	X				X	
7	375500 377000 379500	6954000 6949000 6943000	X								X							X	
8	383500 385500	6949500 6947500							X				X	X				X	
9	383500 385000	6951000 6950000							X				X	X				X	
10	387000 389000	6943500 6944000							X				X	X				X	
11	384000 389000	6972000 6971000	X		X						X		X	X			X		
12	391000 392500	6970500 6968000	X								X						X		
13	389000 392000 395500	6969200 6966500 6964000	X						X		X		X	X			X		
14	397500 402000	6963000 6961000	X						X		X		X	X			X		
15	404500 408000 411000	6960000 6955000 6952000	X								X							X	
16	401000 405000	6952000 6948000	X								X							X	
17	409000 410500	6948000 6946000	X								X						X		
18	411000 413500	6970500 6970000							X				X	X			X		
19	421000 428000 434000	6985000 6979000 6973500	X		X						X		X	X				X	
20	439000 440500	6981500 6978500	X								X						X		
21	447000 449000	6979700 6978000							X				X	X			X		
22	443500 445500	6976000 6971500	X								X						X		

TABLE 5
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55L			ZONE 15 V										SHEET 2 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium		Large
23	436500 442000 448000	6972000 6967000 6963000	X								X							X	
24	416000 423000 429000	6949000 6945000 6944500	X						X		X		X	X				X	
25	423000 424000	6937500 6937500							X				X	X		X			
26	428000 429500	6940500 6940500							X				X	X		X			
27	434000 436500	6950000 6943500	X								X						X		
28	434000 441000 446500	6942500 6938600 6932000	X								X							X	
29	443500 444000	6940000 6938000							X				X	X				X	
30	350000 349500	6937000 6931500	X								X					X			
31	346500 347000 345500	6926000 6923000 6923800	X								X					X			
32	369000 370200	6942000 6941000							X				X	X				X	
33	372000 371000	6938000 6934500	X						X		X		X	X		X			
34	360000 364000	6933000 6933500							X				X	X				X	
35	354000 355000	6929000 6928000							X				X	X		X			
36	353500 358000	6925000 6920000	X						X		X		X	X			X		
37	350000 352000 356000	6919000 6911000 6906000	X								X							X	
38	372000 373500	6928500 6923000	X						X		X		X	X				X	
39	374000 374500	6920000 6915000	X								X					X			
40	374500 375500	6913000 6903500	X								X							X	
41	384000 386000	6907000 6907000							X				X	X		X			
42	391000 393500	6924000 6922000	X								X					X			
43	403000 405000	6920000 6918500	X								X					X			
44	408000 412000	6919000 6918500	X						X		X		X	X		X			
45	425000 427000	6910500 6908500	X								X					X			

TABLE 5

SHEET 3 of 3

TABLE 6
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55M			ZONE 15V										SHEET 1 of 3						COMMENTS
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	357000 357000 361000	7099000 7095000 7099000							X				X	X				X	
2	354000 357000 357000	7093000 7092500 7090000							X				X	X				X	
3	373000 375000 373500	7098000 7098000 7096500							X				X	X				X	
4	394000 397000 397500	7090000 7093000 7091000							X				X	X				X	
5	403000 403500	7097000 7095500							X				X	X		X			
6	415500 416000	7092500 7091000							X				X	X		X			
7	353000 356000	7075000 7072000							X				X	X				X	
8	358000 359000	7076000 7074000							X				X	X				X	
9	368000 365000 366500	7076000 7072000 7071000	X								X					X			
10	373000 377000 379500	7081000 7078000 7074000	X						X		X		X	X			X		
11	393000 396000	7078500 7073500	X		X						X		X	X				X	
12	437500 438000	7082500 7081000							X				X	X		X			
13	432500 433000	7072500 7071000							X				X	X		X			
14	370000 376500	7064500 7065500	X		X						X		X	X			X		
15	377000 379000	7049500 7046500							X				X	X		X			
16	383500 380000	7059000 7053000	X						X		X		X	X			X		
17	405500 407500 408500	7066000 7061000 7056000	X								X						X		
18	415000 416000	7063000 7057000	X								X						X		
19	418500 419500	7058000 7061000	X								X						X		
20	431000 432500	7061000 7059500							X				X	X		X			
21	432500 433000	7063000 7061000							X				X	X		X			
22	389000 392000	7047000 7042000	X								X							X	
23	394500 394500 396000	7055000 7049000 7044000	X								X							X	

TABLE 6
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55M			ZONE 15V										SHEET 2 of 3			COMMENTS			
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY						DEPOSIT SIZE		
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench		Small	Medium	Large
24	398000 397000	7049000 7046000	X								X							X	
25	401000 405000	7042000 7041000							X				X	X				X	
26	409000 410000	7054000 7049500	X								X					X			
27	416500 417000 417000	7052000 7046000 7041000	X		X						X		X	X			X		
28	434000 434500	7048000 7043000	X								X					X			
29	446300 447000	7048000 7044000	X	X							X	X				X			
30	396000 398000 399000	7041500 7039000 7035000	X		X						X		X	X			X		
31	411000 411500 412500	7046000 7039000 7031500	X								X						X		
32	417500 424000	7036500 7031500	X								X						X		
33	436000 438500	7038500 7034500	X		X						X		X	X		X			
34	440500 444500 449000	7030500 7025500 7023500	X								X						X		
35	448000 449500	7035000 7029000	X								X						X		
36	369500 371000	7029000 7027000							X				X	X		X			
37	378000 380500	7032500 7034500	X								X					X			
38	382000 382000	7029500 7026500	X								X					X			
39	400000 404500	7032000 7025500	X		X						X		X	X				X	
40	407000 413000 418000	7023500 7018500 7013000	X						X		X		X	X				X	
41	413500 414500	7024000 7019000	X								X					X			
42	422000 422500	7027000 7025500							X				X	X		X			
43	425000 426000 425000	7028000 7023500 7019000	X								X							X	
44	425000 425000 426000	7016000 7012000 7006500	X								X							X	
45	350000 352000	7011500 7008000	X		X						X		X	X		X			

TABLE 6

SHEET 3 of 3

TABLE 7
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55N			ZONE 15V								SHEET 1 of 3			COMMENTS					
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain		Slope	Bench	Small	Medium	Large
1	453000 455000	7084500 7083000							X				X	X		X			
2	460000 459500	7077000 7071000	X								X					X			
3	461000 460500	7071000 7068000	X								X					X			
4	465500 464500	7070000 7061000	X								X						X		
5	483000 483500	7097000 7095000	X								X					X			
6	484500 484500	7082000 7079000	X								X					X			
7	486500 485000	7074000 7068000	X								X					X			
8	484000 482500	7062500 7054000	X								X						X		
9	504500 502000	7075000 7071000	X								X						X		
10	500500 499500	7069000 7067000	X								X					X			
11	519000 520000 525000	7096000 7091000 7087500	X								X							X	
12	521000 519500	7085000 7079000	X								X							X	
13	509500 508000	7068500 7064000	X								X					X			
14	508000 508000	7061000 7057000	X								X					X			
15	533000 532000	7096000 7093000	X								X					X			
16	534500 536000	7094000 7092000	X						X		X		X	X		X			
17	539500 538500	7080500 7078000	X								X					X			
18	547000 548000	7073000 7072000							X				X	X		X			
19	462000 463000	7045000 7043000	X								X					X			
20	465500 468000	7043000 7040500	X								X					X			
21	467000 469500	7034500 7035500	X								X					X			
22	470500 472000 476000 479000	7039000 7034000 7035000 7026500	X								X							X	
23	485500 486000	7050000 7047000	X								X					X			
24	489000 489500	7046000 7043000	X								X					X			
25	494000 492000	7047000 7043000	X								X					X			

TABLE 7
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55N			ZONE 15V								SHEET 2 of 3							COMMENTS
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE		
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	
26	485000 493000	7038500 7033000	X								X							X
27	508000 508000	7039000 7033000	X								X					X		
28	523000 522500	7048000 7043000	X								X						X	
29	519000 521000	7036000 7038000	X								X					X		
30	526500 530000	7037500 7036000	X								X					X		
31	537000 537500	7050500 7045000	X								X						X	
32	450500 454000	7024000 7020000	X		X						X		X	X		X		
33	463000 469000	7025000 7019000	X						X		X		X	X			X	
34	480500 486500 492000	7025000 7020000 7017500	X								X							X
35	494500 494000 493500	7030000 7025000 7019000	X								X							X
36	500000 499500	7022000 7022000	X								X					X		
37	505000 503000	7028000 7024500	X								X					X		
38	535000 532500 531500	7032500 7025000 7019000	X								X							X
39	542500 540500	7018000 7015000	X								X					X		
40	549500 548000	7024000 7021500	X								X					X		
41	456000 461000 465000	7017500 7007000 7000500	X		X						X		X	X				X
42	481000 483000	7010000 7009000	X						X		X		X	X		X		
43	449500 450000	6990500 6987000	X								X					X		
44	466000 470000 473000	6999000 6994000 6986000	X		X						X		X	X				X
45	480500 482500	6994000 6991500	X								X					X		
46	485000 487000	6989000 6986000	X								X					X		
47	494000 500000 504000	7017000 7010000 7001500	X								X							X
48	505000 510000 514000	7015000 7011000 7009500	X								X						X	

TABLE 7
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 8
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55 - 0			ZONE 15 V										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	564000 564500	7097000 7095000	X								X					X			
2	560500 561500	7094000 7091000	X						X		X		X	X		X			
3	565000 565500	7089000 7086500	X								X					X			
4	554000 555000	7086500 7084000	X						X		X		X	X		X			
5	558000 558000	7079000 7077000	X								X					X			
6	560500 561000	7074500 7072000	X		X						X		X	X		X			
7	558000 559000	7064000 7063000							X				X	X		X			
8	584000 586000	7097000 7096000							X				X	X		X			
9	588500 589000	7097500 7096000							X				X	X		X			
10	569000 569500	7073500 7072500							X				X	X		X			
11	573000 574000	7077000 7074000	X								X						X		
12	577500 575000	7078000 7075000	X								X						X		
13	575000 577000	7072000 7069500	X								X						X		
14	580500 581000	7069000 7068000							X				X	X		X			
15	586500 587000	7070200 7069000							X				X	X		X			
16	613000 614500	7095000 7092500	X								X						X		
17	621500 623000	7085500 7083000	X		X						X		X	X			X		
18	611000 611500	7078000 7077000	X	X							X		X	X		X			
19	613500 613500	7076500 7075500	X								X					X			
20	614500 615500	7073500 7071500	X								X					X			
21	603000 605000	7068000 7066000	X		X						X		X	X			X		
22	606000 607500	7064000 7062000	X								X						X		
23	646000 645000	7073500 7070000							X				X	X			X		
24	639000 640500	7061000 7062500							X				X	X			X		
25	635000 636500	7058500 7058500							X				X	X			X		
26	626000 627000	7054500 7055500							X				X	X		X			
27	623500 623500	7056000 7055000							X				X	X		X			

TABLE 8
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55-0			ZONE 15V										SHEET 2 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
28	592000 592000	7035500 7034500							X				X	X		X			
29	589500 590000	7028200 7027000							X				X	X		X			
30	582600 584500	702000 7019500							X				X	X		X			
31	595500 587000	7020500 7019000							X				X	X				X	
32	589000 590000	7016000 7013500	X								X						X		
33	597000 597500	7015000 7014000							X				X	X		X			
34	605000 608000	7015500 7010500	X						X		X		X	X				X	
35	610200 610500	7023500 7022500							X				X	X		X			
36	613200 614800	7024800 7024800							X				X	X		X			
37	559500 560200	7013000 7012000							X				X	X		X			
38	555500 556200	6998000 6996200							X				X	X		X			
39	553500 553500	6992000 6990500							X				X	X		X			
40	556500 559000	6990000 6987000	X		X						X		X	X			X		
41	576500 576000	7007000 7006000		X	X							X	X	X		X			
42	574200 576000	6990500 6990300							X				X	X		X			
43	581500 582500	6988700 6988000							X				X	X		X			
44	586000 587000	6988500 6987500							X				X	X		X			
45	592000 593000	6993000 6992000							X				X	X		X			
46	595000 598000	6989000 6988000	X						X		X		X	X				X	
47	590000 596000 602500	7008500 7004500 7001500	X						X		X		X	X				X	
48	605500 607500	7003000 7002000	X						X		X		X	X		X			
49	614500 615000	7004000 7001500	X						X		X		X	X		X			
50	612000 615000 614000 618000	7015000 7012000 7009000 7004000	X						X		X		X	X				X	
51	611000 616000	6999500 6997000	X						X		X		X	X				X	
52	612000 616500	6996500 6993500	X						X		X		X	X				X	

TABLE 8

SHEET 3 of 3

TABLE 9
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56A			ZONE 16W										SHEET <u>1</u> of <u>2</u>						COMMENTS
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE				
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	363500 364500	7209500 7207500	X		X			X			X		X	X		X			
2	362500 366000	7208000 7204000	X		X			X			X		X	X		X			
3	371000 377000	7202000 7199000	X								X					X			
4	367000 370000	7190000 7185000	X								X					X			
5	3865000 388000	7208000 7205000	X								X						X		
6	390000 394000	7201000 7193000	X								X							X	
7	413500 413000	7204000 7200000	X								X					X			
8	416000 416000	7202500 7198000	X								X					X			
9	447000 450000	7201500 7202000	X								X					X			
10	432000 437000	7186000 7180500	X								X						X		
11	440500 442000	7187000 7182500	X								X					X			
12	366000 366500	7179500 7172500	X								X					X			
13	375500 376200	7166000 7162000	X								X					X			
14	380500 380800	7176000 7173500	X								X					X			
15	388500 390500	7179500 7174000	X								X						X		
16	395000 396500	7185000 7177500	X								X					X			
17	390800 391000	7170000 7163000	X								X						X		
18	397000 397200	7172000 7168500	X								X					X			
19	419000 419000	7174500 7169000	X		X			X			X		X	X				X	
20	419000 419000	7165000 7156500											X	X		X			
21	447000 451000	7171000 7168000			X			X	X									X	
22	446500 448000	7157500 7160000							X				X	X		X			
23	366000 366000 366200	7153000 7149000 7143000	X								X						X		
24	372500 374500 376500	7154500 7149000 7144500	X								X						X		
25	378000 380000	7154000 7151000	X								X					X			

TABLE 9

SHEET 2 of 2

TABLE 10
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56B			ZONE 15W										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
1	548500 550000	7206000 7200000	X								X						X		
2	555000 555000	7206000 7200000	X								X						X		
3	549000 552000 553000	7196500 7196000 7193000	X								X							X	
4	556000 557500 560000	7196000 7197000 7192000	X								X							X	
5	551000 555000	7185500 7183000	X								X						X		
6	556500 560000	7187500 7183500	X								X						X		
7	579500 580000	7209000 7207000	X								X						X		
8	576000 576000	7197000 7196000		X								X					X		
9	597000 598000	7209000 7206000			X								X	X			X		
10	595000 596000	7204500 7202500	X								X						X		
11	587500 590000	7197500 7195000	X								X						X		
12	588500 590000	7190500 7185000	X								X							X	
13	604500 605500	7208500 7208500		X	X							X	X	X			X		
14	600500 602000	7195000 7192000	X								X						X		
15	601000 604000	7186000 7181000	X								X						X		
16	592000 594500	7183000 7181000	X								X						X		
17	615000 615000	7209000 7207000	X		X						X		X	X			X		
18	622000 624000	7201000 7197000	X		X						X		X	X				X	
19	634000 636000	7208500 7208500			X								X	X			X		
20	633000 635000	7201000 7198000	X								X							X	
21	638500 640000	7193500 7190000	X								X						X		
22	618500 620500	7201000 7184000	X								X						X		
23	554500 554500	7178500 7173000	X								X							X	
24	549500 549000	7171000 7165500	X								X						X		
25	559000 562000 562000	7160000 7158000 7161000			X								X	X				X	
26	576000 577000	7162000 7159000	X	X							X	X					X		

TABLE 10
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56B			ZONE 15W										SHEET 2 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
27	578000 580000 582500	7174000 7169000 7164000	X	X							X	X						X	
28	548500 549500	7153000 7150500	X	X	X						X	X	X	X		X			
29	587000 588500	7150000 7146000	X								X					X			
30	593000 595500	7158000 7152500	X	X							X	X					X		
31	605000 606500	7155000 7150000	X								X					X			
32	612000 615000	7166500 7161000	X								X					X			
33	626500 628000	7172000 7165500	X								X					X			
34	635500 636500 638500	7176500 7172500 7166500	X		X						X		X	X				X	
35	640500 642000 643000	7162000 7156000 7151000	X								X							X	
36	631000 631000	7151000 7147500	X	X							X	X				X			
37	622000 625000 627500	7148000 7145000 7140500	X	X							X	X						X	
38	551000 552500	7139000 7138000	X								X					X			
39	562500 563000	7145000 7142000	X								X					X			
40	551000 551000	7129500 7126000		X								X				X			
41	567500 568500	7128000 7124500	X	X							X	X				X			
42	576000 578000	7137000 7134000	X	X							X	X				X			
43	578000 579000	7132500 7131000	X	X							X	X				X			
44	585000 586000	7137000 7133000	X	X							X	X				X			
45	594500 595000	7130500 7126500		X								X				X			
46	605500 606500	7136500 7133000		X								X				X			
47	608500 609500	7128500 7124000	X	X							X	X				X			
48	623000 625500	7131000 7125500	X	X							X	X						X	
49	630000 630500	7139000 7134000	X	X							X	X					X		
50	636500 638000	7134500 7129000	X	X							X	X					X		
51	641000 644000	7140000 7133500	X								X							X	
52	553000 554000	7115000 7110000	X	X							X	X				X			

TABLE 10
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 11
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56C			ZONE 15W										SHEET 1 of 3								
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esler	Kome	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large			
1	459500 461500	7203500 7198500	X								X					X					
2	463000 464500	7193000 7187000	X								X					X					
3	467500 470500	7184500 7180500	X								X					X					
4	469500 471500	7207500 7203500	X								X					X					
5	473000 474500	7193000 7190000	X								X					X					
6	475000 480000 483000	7199000 7195000 7190000	X								X						X				
7	488000 491000 490000	7205000 7200000 7195000	X	X	X						X	X	X	X		X					
8	503000 504000	7207000 7204000	X								X					X					
9	502000 503000	7199000 7193500	X								X					X					
10	512500 514000	7190000 7186000	X		X						X		X	X		X					
11	523500 524500	7201000 7198000	X								X					X					
12	526000 528000 531000	7195000 7188000 7184000	X		X						X		X	X			X				
13	533000 538000	7195500 7189000	X	X							X	X					X				
14	539000 543500	7208000 7201000	X		X						X		X	X		X					
15	486200 486200	7182000 7171000	X		X						X		X	X			X				
16	498500 500000 500000	7186000 7176000 7167000	X	X	X						X	X	X	X				X			
17	506000 508500	7186000 7180000	X		X						X		X	X		X					
18	522000 525000 526500	7189000 7183000 7176500	X	X							X	X					X				
19	460000 461000	7165500 7163500	X								X					X					
20	47000 472000	7157000 7153000	X	X							X	X					X				
21	477500 480000	7159000 7154000	X	X							X	X				X					
22	481000 487500 489000	7171000 7167000 7159500	X	X	X						X	X	X	X			X				
23	482000 482000	7149000 7145000		X								X				X					

TABLE 11
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56C			ZONE 15W								SHEET 2 of 3							COMMENTS
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE		
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	
24	489000 491000 495000	7157000 7148000 7141000	X	X							X	X						X
25	497500 499000	7158000 7154500		X								X				X		
26	500100 502500	7156500 7151000	X	X							X	X				X		
27	507000 507000	7164000 7155000	X	X							X	X				X		
28	518000 518000	7153000 7150000		X								X				X		
29	528000 533000 536000	7174000 7165000 7158000	X	X	X						X	X	X	X				X
30	540000 544000	7165000 7160000	X		X						X		X	X		X		
31	544500 546000	7171000 7165000	X		X						X		X	X		X		
32	544500 548000	7156500 7154000	X		X						X		X	X		X		
33	531000 541000 543200	7154000 7147000 7141500	X		X						X		X	X			X	
34	545500 547000	7148000 7143500	X								X					X		
35	457000 457500	7134000 7130000	X								X					X		
36	459500 460000	7128000 7123000	X	X							X	X				X		
37	461500 461800	7120000 7117000	X	X							X	X				X		
38	455000 456000 460000	7111000 7117000 7117500	X	X							X	X				X		
39	466000 466000	7142500 7139500	X								X					X		
40	480500 480500	7136000 7132500	X								X					X		
41	478500 480000	7130000 7125500	X		X						X		X			X		
42	487500 486500	7129500 7124500	X								X					X		
43	491500 493200	7133000 7125500	X								X					X		
44	480000 480500	7119000 7112000		X								X				X		
45	485000 486500	7119000 7113500		X								X				X		
46	500000 502500	7147000 7136000	X	X	X						X	X	X	X			X	
47	509000 509000 510000	7146000 7139000 7131000	X	X	X						X	X	X	X				X
48	518000 517500 518500	7140000 7130000 7121000	X	X							X	X						X

TABLE II
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 12
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56D			ZONE 15W										SHEET 1 of 2								
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large			
1	442000 443000 443000	7207000 7198000 7187000	X		X						X		X	X				X			
2	444000 445000	7199500 7201000			X								X	X				X			
3	446000 446500	7204000 7205500	X		X						X		X	X				X			
4	444500 444500	7187500 7186000		X	X							X	X	X			X				
5	443000 446000 448500	7178000 7167000 7160000	X		X						X		X	X				X			
6	430000 431000	7162000 7166000	X								X						X				
7	435500 434500	7160000 7156000	X								X						X				
8	356500 358000	7149000 7149500							X				X	X			X				
10	355500 357000	7140500 7141500							X				X	X			X				
11	362000 367000	7132500 7131500							X				X	X				X			
12	368500 372000	7133000 7134000							X				X	X				X			
13	374000 376000	7134500 7135000							X				X	X				X			
14	377000 379000 379000	7131000 7131000 7133500							X				X	X				X			
15	400000 400000	7149500 7148000							X				X	X			X				
16	399000 404500 410000	7124000 7125500 7124500							X				X	X				X			
17	412000 412500	7123500 7122000							X				X	X				X			
18	441000 442000	7144000 7144000							X				X	X			X				
19	438000 438500	7135500 7134500							X				X	X			X				
20	440500 441000	7131500 7131000							X				X	X			X				
21	445000 445500	7129500 7128500							X				X	X			X				
22	355000 361000	7115000 7111000							X				X	X				X			
23	354000 356000	7112500 7111000							X				X	X				X			
24	368000 370000 370000 372000	7113000 7114500 7111500 7113000							X				X	X				X			
25	368000 371000 374500	7101000 7101000 7100500							X				X	X				X			

TABLE 12
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 13
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56E			ZONE 15W										SHEET 1 of 2						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esler	Kame	Outwash	Ice-contact deposits	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
1	380000 382000	7317000 7321500	X		X						X		X	X			X		
2	383000 383000	7314500 7310000	X					X			X		X	X		X			
3	383500 390000	7310500 7307000	X								X					X			
4	400500 401500	7316000 7312000	X								X					X			
5	398000 398500	7305000 7302500	X								X					X			
6	414000 414000	7319000 7316000	X								X					X			
7	411500 411500	7312500 7309000	X								X					X			
8	421000 421500	7315000 7309000	X								X						X		
9	428500 430500	7308500 7300000	X								X							X	
10	429000 433500	7284500 7303500	X								X							X	
11	431500 432000	7297500 7294500	X								X							X	
12	363000 364000	7297000 7292000	X								X					X			
13	380500 379500	7291000 7284500	X								X						X		
14	382500 384200	7297000 7293500	X								X					X			
15	401200 402500	7290000 7286500	X								X					X			
16	412000 415000	7297500 7294000	X								X						X		
17	416000 416000	7292000 7285000	X								X							X	
18	420500 422000	7293500 7290500	X								X					X			
19	409000 413000	7285500 7283000	X								X					X			
20	451000 451000	7297500 7292000	X								X						X		
21	447500 449500	7285000 7288500	X								X					X			
22	448000 447500	7281000 7275000	X								X					X			
23	449500 448500	7272500 7269500	X								X					X			
24	364000 366000	7274500 7273000	X								X					X			
25	372000 372500	7272000 7268500	X								X							X	
26	373000 375000	7266000 7262000	X								X							X	
27	376000 3775000	7260000 7254500	X								X							X	

TABLE 13
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 14
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56F			ZONE 15W										SHEET 1 of 2			COMMENTS		
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench		Small	Medium
1	454500 457000	7315500 7310500	X								X							X
2	458500 458500	7307500 7301500	X								X							X
3	470500 470500	7314000 7305000	X								X							X
4	454500 454500	7291000 7289000	X								X					X		
5	475000 476000	7296000 7291000	X								X					X		
6	507500 508000	7317500 7315000	X								X					X		
7	510800 511500	7303000 7300500	X								X					X		
8	503500 506000	7285500 7283000	X								X					X		
9	541500 542800	7317500 7315000	X								X					X		
10	541000 541500	7314500 7307500	X								X							X
11	534000 536000	7291000 7294500	X								X					X		
12	454000 456500	7269000 7276500	X								X							X
13	463000 463000	7275000 7271500	X								X					X		
14	473200 473000	7278500 7270000	X								X							X
15	480000 480000	7279000 7275000	X								X					X		
16	460500 462000	7260000 7252000	X								X							X
17	465500 464500	7257000 7252500	X								X					X		
18	472200 472000	7253000 7251000	X								X					X		
19	480500 480000	7252500 7248000	X								X					X		
20	488000 488500	7263000 7256000	X								X						X	
21	483000 482500	7271500 7269000	X								X					X		
22	492500 492500	7271500 7269000	X								X					X		
23	501000 502200	7270000 7265500	X								X						X	
24	503500 501500	7260000 7253500	X								X							X
25	494000 494000	7254000 7251000	X								X					X		
26	514000 516000	7252000 7247000	X								X						X	
27	525000 529000	7261000 7257500	X								X					X		

TABLE 14
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 15
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56G			ZONE 15W										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
1	545500 546500	7313000 7308500	X								X					X			
2	576000 580000	7320500 7317500							X				X	X		X			
3	592500 594000	7316000 7313500			X								X	X		X			
4	603000 608000	7307000 7308500			X								X	X		X			
5	606000 610000	7317000 7313000			X								X	X				X	
6	607000 610000	7300000 7299000			X								X	X		X			
7	615000 616000	7306000 7308000			X								X	X		X			
8	615000 619000	7321500 7319500			X								X	X			X		
9	621000 625000	7296000 7296500	X								X						X		
10	617000 623000 628000	7298500 7298500 7302000	X					X			X		X					X	
11	629000 631000	7308500 7309500							X				X	X		X			
12	632000 636000	7299000 7298500			X								X	X				X	
13	590000 591500	7283500 7281000	X								X					X			
14	597500 598500	7279500 7282500	X								X					X			
15	605000 605500	7277000 7275000	X								X						X		
16	609000 609000	7288500 7285000	X								X							X	
17	610500 613500	7289500 7289200			X								X	X		X			
18	596000 598000	7297000 7295500			X								X	X			X		
19	598000 601000	7297000 7296000			X								X	X			X		
20	622000 623200	7277500 7274000	X								X					X			
21	631000 631000	7278500 7276500			X								X	X		X			
22	547000 551000	7265000 7258000	X		X						X		X	X				X	
23	552000 552500	7263000 7261500	X								X					X			
24	555000 557000	7248000 7246000	X								X					X			
25	567500 56900	7246500 7243000	X								X					X			

TABLE 15
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56G			ZONE 15W										SHEET 2 of 3			COMMENTS			
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY						DEPOSIT SIZE		
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench		Small	Medium	Large
26	567000 569500	7259000 7256500	X								X					X			
27	584500 585000 588000	7250500 7245000 7238000	X		X						X		X	X					X
28	582500 584000	7262500 7252500	X		X						X		X	X					X
29	581500 585500	7263500 7268000	X		X						X		X	X					X
30	594000 592500 597000 597500	7272000 7268500 7265000 7259500	X		X						X		X	X					X
31	599000 599500	7265000 7260500	X								X					X			
32	601500 601500	7263500 7259500	X								X					X			
33	594500 598500	7256500 7255000	X		X						X		X	X			X		
34	593000 597500	7256000 7250500	X								X						X		
35	605000 607000	7248000 7241000	X		X						X		X	X					X
36	602000 604000	7254000 7251500	X								X								X
37	606000 608500	7255500 7253500	X								X					X			
38	621500 623000	7267000 7265000	X								X					X			
39	615000 618500	7261000 7254500	X		X						X		X	X					X
40	621500 621500	7261000 7258000	X								X					X			
41	615500 617500	7253000 7252500	X								X					X			
42	621000 625500	7252000 7249500	X								X								X
43	617800 618000	7245500 7243000	X								X					X			
44	630500 630500	7245500 7242500	X								X					X			
45	634000 638500	7255500 7253500	X		X						X		X	X			X		
46	635000 635500	7262000 7260000	X		X						X		X	X		X			
47	558500 561500	7239000 7233500	X		X						X		X	X					X
48	552000 555000	7227500 7226500	X								X					X			
49	547000 549000	7225500 7226000	X								X					X			
50	554500 555000	7214000 7210000	X		X						X		X	X		X			

TABLE 15
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56G			ZONE 15W										SHEET 3 of 3									
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposits	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large				
51	569000 572000	7229500 7227500	X								X						X					
52	568500 570000	7221000 7219000	X		X						X		X	X		X						
53	574000 575500	7218500 7216000	X								X					X						
54	581000 584000	7235000 7231000	X								X						X					
55	589000 592000	7236000 7230000	X								X							X				
56	598200 597500	7239500 7236000			X								X	X		X						
57	598000 599000	7233000 7229500	X		X						X		X	X		X						
58	600000 603000	7220500 7226000	X								X						X					
59	586500 588500	7217000 7212000	X		X						X		X	X			X					
60	598000 602000	7213000 7218000	X		X						X		X	X			X					
61	605000 608000	7222000 7221500			X									X		X						
62	602000 604000	7232000 7231000			X									X		X						
63	605000 607000	7239000 7237000			X									X		X						
64	619500 619500	7225000 7222000			X									X				X				
65	619000 622000	7229000 7226500			X									X				X				
66	624500 628000	7227000 7226800	X								X						X					
67	628000 629000	7236000 7234000			X								X	X		X						
68	638000 641500	7219000 7218500	X								X					X						

TABLE 16
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56H			ZONE 16W										SHEET 1 of 2						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
1	380000 384000	7315000 7311000							X				X	X				X	
2	384500 386000	7312500 7311000							X				X	X				X	
3	388000 389500	7310000 7308500							X				X	X				X	
4	363000 364000	7298000 7298500			X				X				X	X			X		
5	363500 363500	7284000 7281500			X								X	X		X			
6	369500 372000	7282200 7281500	X								X					X			
7	365000 366500	7265500 7264500	X								X					X			
8	369000 370500	7264500 7265500			X								X	X		X			
9	366000 367000	7247000 7248500			X								X	X			X		
10	367000 368500	7244500 7244000			X								X	X			X		
11	386000 387500	7253000 7254000			X								X	X		X			
12	384000 384200	7246000 7244200	X								X					X			
13	389000 390000	7244500 7244500	X								X					X			
14	409000 411000	7245500 7245000						X					X	X		X			
15	364500 365500	7230500 7228500	X								X					X			
16	366000 367000	7225500 7224000	X								X					X			
17	369000 371000	7223500 7222500	X								X					X			
18	373500 378000	7222000 7222500	X								X							X	
19	375000 378000	7231500 7225000	X								X							X	
20	385500 388500	7232500 7229000	X								X						X		
21	391000 393000	7226500 7227500	X					X		X		X	X			X			
22	388000 392000	7222500 7219500	X								X						X		
23	382500 387000	7219500 7216000	X								X							X	
24	383000 384500	7216500 7215500	X								X					X			
25	388500 391000	7217000 7215500	X								X					X			
26	388500 390500	7215200 7214800	X								X					X			

TABLE 16
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 17
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65A			ZONE 14V										SHEET 1 of 3								
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large			
1	56 0000 56 1000	6759500 6759000			X								X	X		X					
2	56 7000 56 8000	6746500 6746000			X								X	X		X					
3	56 7000 57 0000 57 0500	6735500 6738000 6743000	X		X					X			X	X					X		
4	58 7000 58 8000	6756000 6754500			X								X	X					X		
5	59 4500 59 6500	6761500 6762500			X								X	X					X		
6	60 7000 61 0000	6764000 6761500	X	X		X				X	X	X	X				X				
7	60 0500 60 5000 60 9000	6744500 6747500 6753500	X	X	X					X	X	X	X						X		
8	59 7000 59 8000	6742000 6742000			X								X	X			X				
9	61 3000 61 3000	6739000 6740000			X								X	X		X					
10	62 0000 62 3000	6745000 6747500			X								X	X		X					
11	62 1000 62 5000 63 0000	6758500 6758500 6758500	X							X									X		
12	63 1500 63 5000	6750000 6753000	X		X					X			X	X			X				
13	64 3000 65 3000 66 2000	6758000 6756000 6755500	X	X	X					X	X	X	X						X		
14	64 7000 64 9500	6753500 6755500	X	X	X					X	X	X	X				X				
15	65 4000 65 6000	6743000 6746000	X		X					X		X	X			X					
16	65 9000 66 3000	6739000 6739000	X	X				X		X	X										
17	55 6000 56 0500	6718000 6717500			X								X	X					X		
18	57 0000 57 2500	6728000 6727500			X								X	X					X		
19	58 3500 58 4500	6732500 6732500			X								X	X		X					
20	59 1500 59 2500	6728500 6727500			X								X	X		X					
21	60 0500 60 2000	6736500 6734000			X								X	X					X		
22	61 5000 61 6500	6730000 6730500			X								X	X		X					
23	61 7300 61 7300	6728000 6729500			X								X	X		X					
24	62 7500 62 8000	6733000 6734000			X								X	X		X					
25	62 5500 62 5000	6716500 6718500			X								X	X		X					

TABLE 17
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65A			ZONE 14V										SHEET 2 of 3						COMMENTS
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
26	656000 661000	6725500 6729000							X				X	X				X	
27	659000 662000	6727000 6728500							X				X	X			X		
28	660000 663500	6718500 6719500	X	X							X	X					X		
29	569000 568500	6713000 6705000	X	X	X						X	X	X	X			X		
30	563000 567000	6698500 6700000	X		X						X		X	X			X		
31	569000 573000 578500	6702500 6699500 6696000	X	X	X						X	X	X	X				X	
32	616000 617000	6706500 6708500			X								X	X			X		
33	631000 631500	6704500 6705000			X								X	X		X			
34	642500 644000	6700000 6699000							X				X	X			X		
35	650500 653000	6702500 6703000	X						X		X		X	X			X		
36	590000 591500	6691000 6691000			X								X	X			X		
37	609000 610000	6690000 6690000			X								X	X		X			
38	614500 617000	6689500 6689000			X								X	X			X		
39	635500 636500	6684500 6683500			X								X	X		X			
40	564000 563500	6681000 6678500			X								X	X			X		
41	576000 576000 575500	6684000 6679000 6673000	X	X	X						X	X	X	X				X	
42	558500 556000	6670000 6665000	X	X	X						X	X	X	X			X		
43	572500 571000	6669500 6664000	X	X	X						X	X	X	X				X	
44	567000 570000 572000	6653000 6657000 6662000	X	X	X						X	X	X	X				X	
45	582000 579500 581500	6662000 6658000 6653000	X	X	X						X	X	X	X			X		
46	585000 582000	6661500 6656000	X	X	X						X	X	X	X			X		
47	586000 588500	6666500 6667500		X	X							X	X	X		X			
48	605500 604500	6678000 6672500		X								X					X		
49	611500 611500	6676000 6674000		X	X							X	X	X		X			
50	602000 603500	6664000 6663500			X								X	X		X			

TABLE 17
SUMMARY OF SAND AND GRAVEL PROSPECTS

[illegible]

TABLE 18
SUMMARY OF SAND AND GRAVEL PROSPECTS

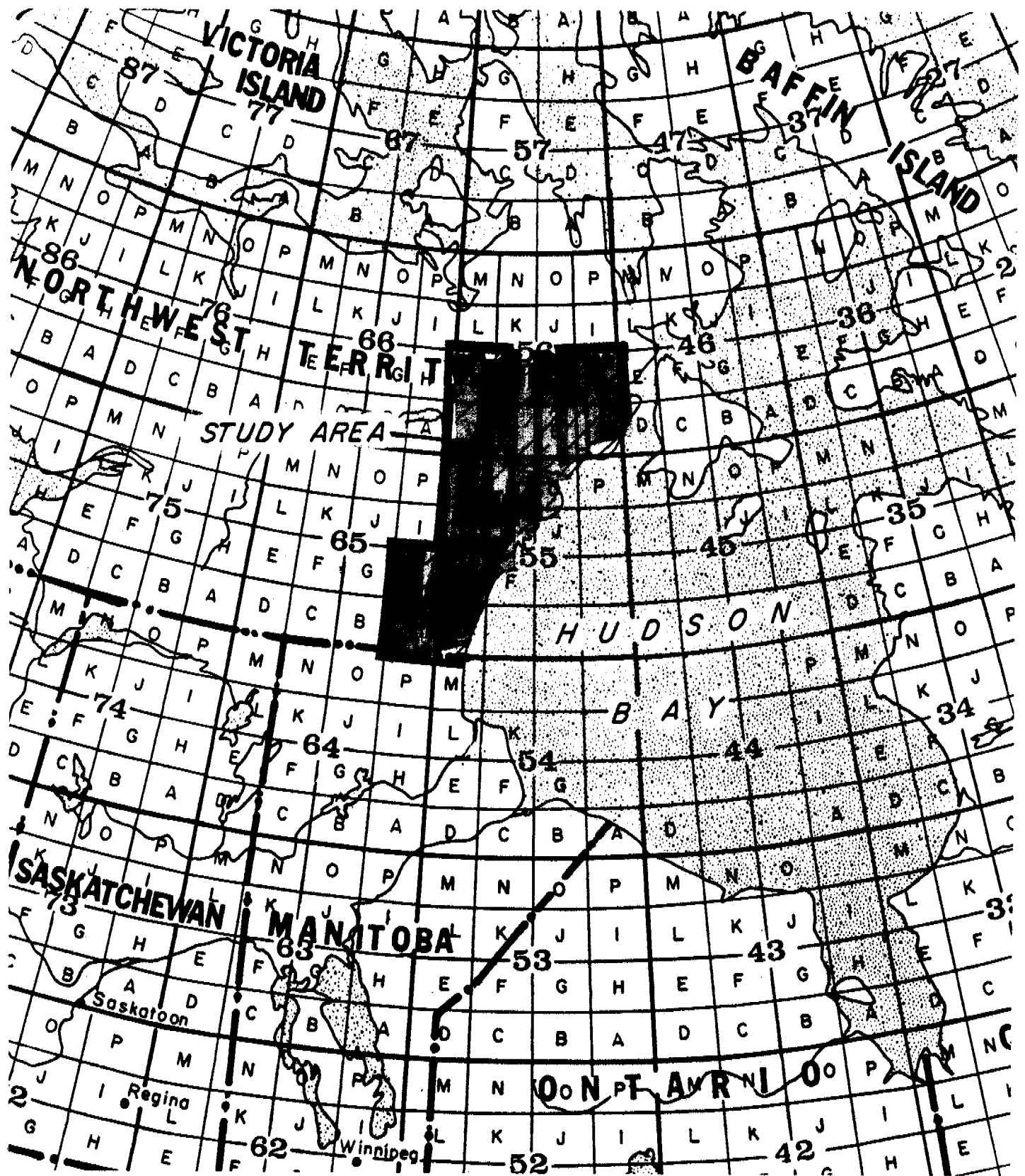
NTS 65H			ZONE 14V										SHEET 1 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium		Large
1	558000 559500	6873000 6874500			X								X	X		X			
2	559000 557500 559000	6867000 6860000 6852500			X								X	X				X	
3	562000 562500	6856000 6854000	X		X						X		X	X		X			
4	579000 579500	6869000 6867000			X								X	X		X			
5	585000 585000	6873000 6870000	X								X					X			
6	586500 589000	6868500 6867000	X								X					X			
7	587000 589500	6864000 6861500			X								X	X			X		
8	583000 583000	6849500 6847500	X								X					X			
9	593000 596000 598000	6863500 6856000 6849000	X								X							X	
10	616500 617500	6870500 6870500							X				X	X		X			
11	625500 627000	6856500 6856000							X				X	X		X			
12	636500 637500	6876000 6875000							X				X	X		X			
13	641000 641500	6876000 6875000							X				X	X		X			
14	649000 656000	6876000 6871000	X								X						X		
15	650500 652000	6857500 6859000							X				X	X		X			
16	555000 559000	6845200 6841500			X								X	X			X		
17	557000 560000	6829000 6828000			X								X	X		X			
18	576000 578000	6834500 6833500			X								X	X			X		
19	593000 594000	6835000 6832000	X								X					X			
20	592000 593000 595000	6825500 6829000 6831000	X		X						X		X	X			X		
21	616000 616000	6847000 6844500	X		X						X		X	X		X			
22	619000 621000	6841000 6841000							X				X	X		X			
23	606000 611000 618000	6837000 6835000 6834500	X	X	X						X	X	X	X				X	
24	620500 625000	6834500 6834000	X	X	X						X	X	X	X				X	
25	630000 632000	6847200 6847500							X				X	X		X			
26	632000 634000	6836000 6832000	X		X						X		X	X			X		

TABLE 18
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65H			ZONE 14V										SHEET 2 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
27	636500 637000	6834000 6831000	X		X						X		X	X		X			
28	604000 613000 619000	6827000 6826500 6827000	X		X						X		X	X				X	
29	626000 635000	6828500 6830000	X		X						X		X	X			X		
30	650000 658000	6837500 6835000							X				X	X		X			
31	656000 659000	6828000 6829000	X		X						X		X	X			X		
32	564000 565000	6812000 6809500			X								X	X		X			
33	575500 578000	6814500 6814500			X								X	X		X			
34	554000 556000	6805000 6802000	X		X						X		X	X		X			
35	557500 561000	67990000 6791000	X	X	X						X	X	X	X				X	
36	588000 589000	6800000 6798000			X								X	X		X			
37	594000 596000	6816000 6815500			X								X	X		X			
38	599500 600500	6808000 6809500	X								X					X			
39	597000 599500	6806000 6806200	X		X						X		X	X		X			
40	599000 599000	6796500 6795000	X		X						X		X	X		X			
41	614500 615000	6814500 6813500			X								X	X		X			
42	609000 615000 621000	6800000 6800000 6798500	X		X						X		X	X				X	
43	632000 635500	6823000 6821000							X				X	X			X		
44	638000 641000	6819500 6816500							X				X	X			X		
45	627000 632000	6803000 6803500	X		X						X		X	X			X		
46	648000 649500 650500	6818000 6820500 6818500							X				X	X			X		
47	568000 573000	6789000 6787000	X		X						X		X	X				X	
48	565000 566500	6781500 6778500			X								X	X		X			
49	564500 567000 565000	6769500 6767000 6764000	X		X						X		X	X				X	
50	581000 581000	6789500 6785500	X								X					X			
51	576500 581000 588000 592000	6786000 6781500 6776000 6773500	X		X						X		X	X				X	

TABLE 18
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65H			ZONE 14V										SHEET 3 of 3						
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY					DEPOSIT SIZE			COMMENTS
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-contact sediment	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large	
52	597000 602000 606000	6772000 6769000 6765000	X		X						X		X	X				X	
53	600000 600000	6793000 6789000	X		X						X		X	X		X			
54	610500 612000	6781000 6783000			X								X	X		X			
55	628000 633000 638000	6793500 6789000 6785000	X		X						X		X	X				X	
56	642000 649000	6784500 6781500	X		X						X		X	X			X		
57	648000 653000 653000	6789500 6795000 6802000		X					X				X	X				X	
58	657000 660500	6802500 6803500							X				X	X					
59	658000 661000	6783200 6784000							X				X	X		X			
60	652000 653000 655000	6781500 6777000 6771000	X								X						X		
61	637000 640000	6768000 6770000			X								X	X		X			
62	655500 658000	6768000 6768000		X	X							X	X	X				X	



KEY MAP SHOWING STUDY AREA

J.D.Mollard and Associates Limited
March, 1995



62	62-1	62-2
63	63-1	63-2
64	64-1	64-2

TABLE

NTS 55D			ZONE 15V														
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY			DEPOSIT SIZE	
	EASTING	NORTHING	Clay	Shale	Outwash	Gravel	Terrace	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
35	367000 375000 381000	6695500 6696000 6696500							X	X		X	X				X
36	390000 392500 393000	6696300 6696500 6700000	X						X	X		X	X		X		
37	389000 392500	6691500 6693500	X							X						X	
38	407500 408500	6692300 6693000							X				X	X		X	
39	341000 348000	6680900 6682500	X						X	X		X	X		X		
40	362000 365000 363000	6682300 6682300 6684000	X						X	X		X	X				X
41	383000 388000	6686000 6685500	X								X						X
42	390000 396000	6684000 6687000	X						X	X		X	X		X		
43	388500 392000	6679000 6682000	X						X	X		X	X		X		
44	399000 399000	6681000 6683000							X				X	X			
45	334000 337000	6664000 6666000	X						X	X		X	X		X		
46	338000 342000	6658500 6660000	X						X	X		X	X		X		
47	350000 356000	6664000 6667000	X						X	X		X	X		X		
48	384000 388000	6671000 6670500	X						X	X		X	X		X		
49	373000 382000 391000	6665000 6664500 6662000	X						X	X		X	X				X
50	388000 389500	6654000 6653500	X						X	X		X	X		X		
51	398500 396500	6656000 6655000	X						X	X		X	X		X		
52	402000 404000	6662000 6663000							X			X	X		X		
53	410500 419000	6738200 6737500	X								X					X	

SCALE FOR ELEVATIONS SCHELE DI CONVENZIONI

Scale 1:250 000 *Scale*

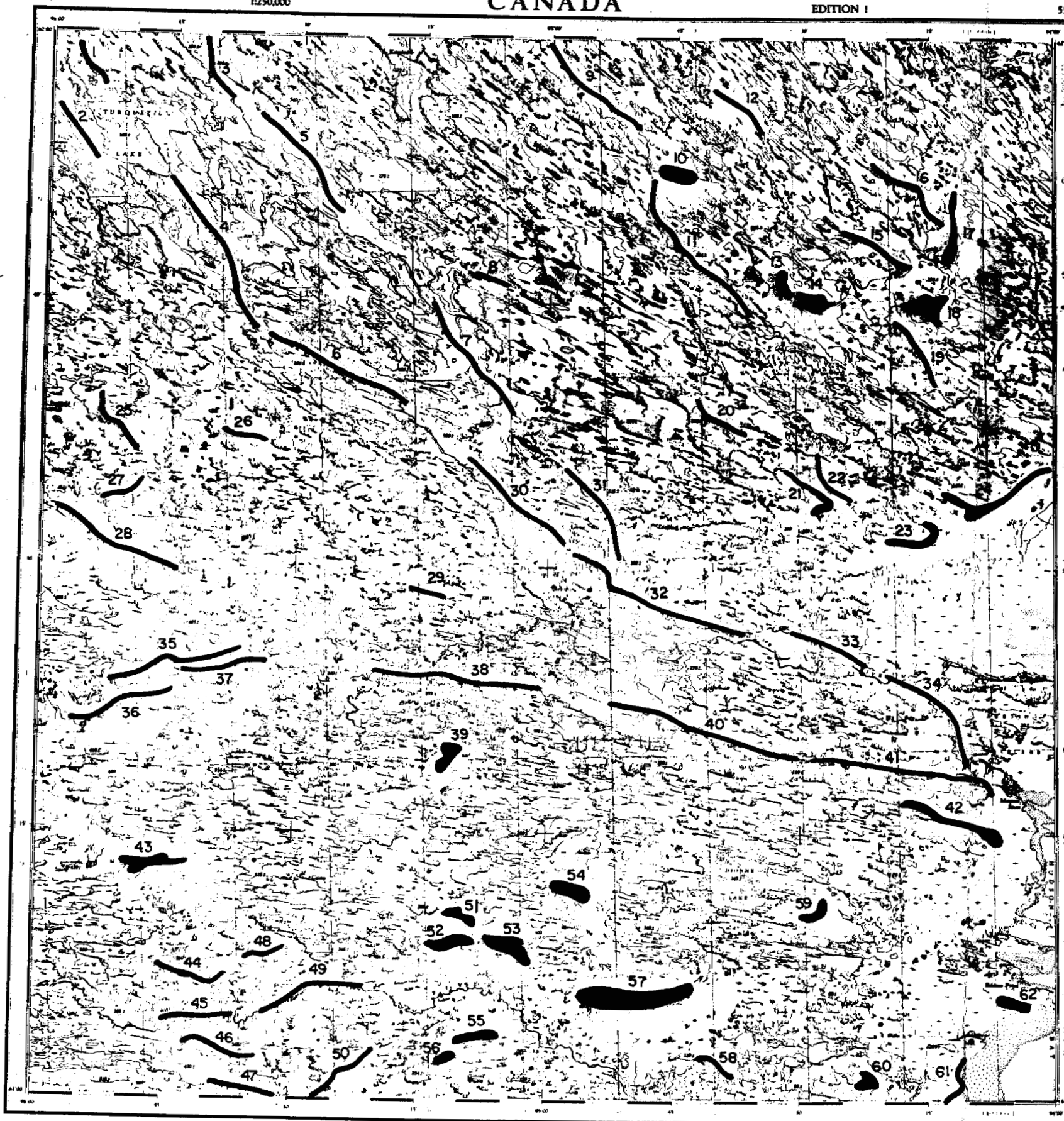
0 5 10 15 20 Miles

0 5 10 15 20 25 30 Kilometres

CONVERSION SCALE FOR ELEVATIONS ECHELLE DE CONVERSION DES ALTITUDES

Feet Meters

FIGURE 1



55 E

Refer to the map on page 55 E

NEW TIME RECORDING
15V

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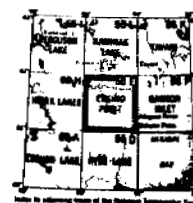
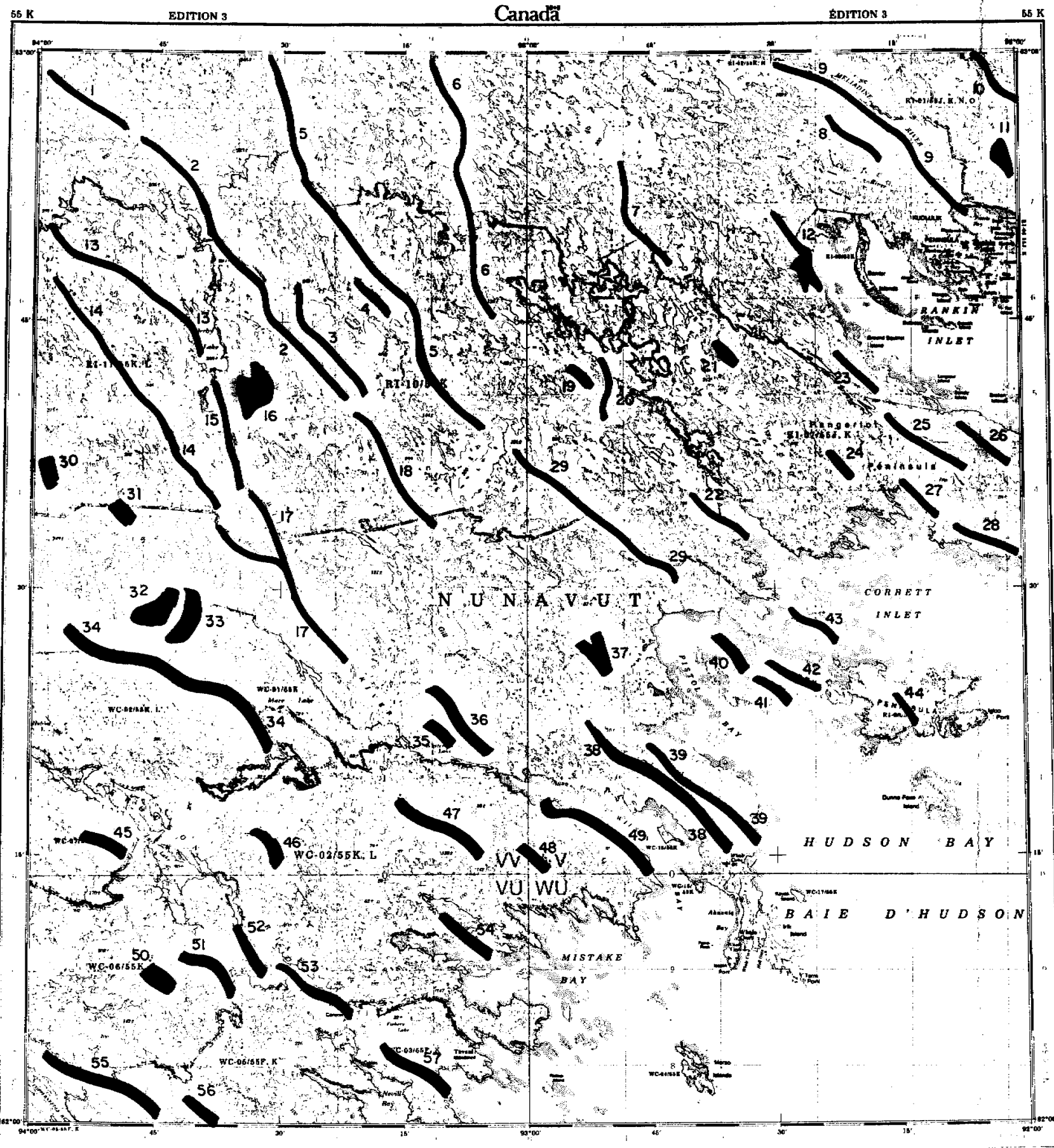


TABLE 2
SUMMARY OF SAND AND GRAVEL PROSPECTS

PROSPECT	UTM GRID		GEOLOGIC LANDFORM					SURFACE TOPOGRAPHY		DEPOSIT SIZE			
	EASTING	NORTHING	Elev	Kone	Outwash	Terrace	Beach	Talus	Ridge	Hill	Plateau	Slope	Beach
1	345500 348000	6876000 6872000	X						X				
2	343000 347000	6889500 6864000	X						X				X
3	339000 381000	6878000 6870500	X						X				X
4	358500 380000 383000	6861000 6855000 6846000	X						X				X
5	363000 368000 372000	6868000 6864000 6858500	X						X				X
6	363000 372000 379000	6845000 6841000 6838000	X						X				X
7	382500 388000 390000	6847500 6842000 6837000	X						X				X
8	387000 390000	6851000 6850000	X						X				X
9	395000 398000 403000	6875000 6870000 6867000	X						X				X
10	406500 408000	6881500 6881000				X			X				X
11	403500 410000 415000	6880000 6851000 6846500	X			X	X	X	X	X			X
12	412000 418500	6870000 6868000	X						X				X
13	419000 419000	6850000 6849500				X			X	X			X
14	421000 423000	6848000 6847000	X			X	X	X	X	X			X
15	428000 432000	6854500 6851000	X						X				X
16	429000 433000 435000	6861000 6859500 6856000	X			X	X	X	X	X			X
17	437000 438500	6859000 6851000				X			X				X
18	432500 435000	6847000 6846500	X			X	X	X	X	X			X
19	431000 434000	6844000 6840000	X	X					X	X	X		X
20	410000 414000	6836500 6834000	X	X					X	X	X		X
21	419500 423000	6829000 6826000	X			X	X	X	X	X			X
22	428000 425000	6831000 6827000	X						X				X
23	430000 434000	6822000 6823000	X			X	X	X	X	X			X
24	436000 441000 446000	6827000 6826000 6829500	X			X	X	X	X	X			X
25	347000 350000	6839000 6834500	X						X				X
26	360000 363500	6833200 6834500	X						X				X
27	347000 351000	6828500 6830000	X						X				X
28	342000 349000 354000	6828000 6823000 6821000	X						X				X
29	380000 382000	6818000 6817200				X			X	X	X		X
30	386000 390500 395000	6831500 6826500 6823000	X	X					X	X	X		X
31	396000 400000 401000	683000 6826000 6821000	X	X					X	X	X		X
32	397000 406000 413000	6821000 6815000 6813000	X			X	X	X	X	X			X
33	420000 426000	6812500 6808000	X			X	X	X	X	X			X
34	430000 434000 437000	6807500 6805000 6799000	X			X	X	X	X	X			X

PROSPECT	UTM GRID		GEOLOGIC LANDFORM					SURFACE TOPOGRAPHY		DEPOSIT SIZE			
	EASTING	NORTHING	Elev	Kone	Outwash	Terrace	Beach	Talus	Ridge	Hill	Plateau	Slope	Beach
35	348000 352000 360000	6809500 6811000 6812000	X						X				X
36	343000 348000 353000	6805500 6807000 6808000	X						X	X	X	X	X
37	358500 363000	6800000 6814000	X						X				X
38	378000 385000 392000	6809500 6808200 6807500	X						X				X
39	382000 383000	6799000 6803500							X	X	X		X
40	400000 410000 419000	6806500 6802500 6799500	X						X	X	X	X	X
41	421500 430000 439500	6798200 6798000 6798500	X						X	X	X	X	X
42	431000 440000	6794500 6791200	X						X	X	X	X	X
43	349000 394000	6790000 6790000	X						X				X
44	358000 358000	6778000 6777500	X						X	X	X	X	X
45	358000 359000	6773500 6773800	X						X				X
46	354000 361000	6771000 6789500	X						X				X
47	357000 363000	6787000 6785500	X						X				X
48	361000 363500	6780000 6781000	X						X				X
49	363000 368000 372800	6774500 6777000 6776500	X						X				X
50	368000 373500	6785500 6789500	X						X				X
51	382000 385000	6784000 6783000	X						X				X
52	380500 384000	6780500 6781000							X				X
53	387000 390000	6781000 6779500							X				X
54	394000 397000	6786500 6786000							X				X
55	383000 387000	6771000 6771000							X				X
56	381000 382000	6785500 6789000							X				X
57	397000 416000	6775000 6775000	X						X				X
58	409000 411500	6768000 6768500	X						X				X
59	420000 422000	6783000 6784000							X				X
60	425000 427000	6765000 6765000							X				X
61	436000 434500	6767000 6763500							X				X
62	440000 443000	6773500 6773000	X						X				X



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CONVERSION SCALE FOR ELEVATIONS: 1:250 000. Scale 1:250 000. Echelle 1:250 000.

CONVERSION SCALE FOR ELEVATIONS: 1:250 000. Scale 1:250 000. Echelle 1:250 000.

NTS 55K ZONE 15V

UTM GRID

EASTING NORTHING

PROSPECT

1 45000 6983000 6981000 6980000

2 461000 6978000 6976000 6975000

3 478000 6981000 6980000 6980000

4 483000 6980000 6980000 6980000

5 473000 6985000 6985000 6985000

6 491000 6983000 6983000 6983000

7 510000 6974000 6974000 6974000

8 532000 6978000 6978000 6978000

9 528000 6984000 6984000 6984000

10 547000 6985000 6985000 6985000

11 549000 6978000 6978000 6978000

12 528000 6980000 6980000 6980000

13 451000 6967000 6967000 6967000

14 452000 6960000 6960000 6960000

15 488000 6930000 6930000 6930000

16 472000 6953000 6953000 6953000

17 472000 6939000 6939000 6939000

18 483000 6948000 6948000 6948000

19 505000 6953000 6953000 6953000

20 508000 6953000 6953000 6953000

21 520000 6955000 6955000 6955000

22 518000 6939000 6939000 6939000

23 532000 6954000 6954000 6954000

24 532000 6943000 6943000 6943000

25 538000 6947000 6947000 6947000

26 546000 6946000 6946000 6946000

27 540000 6940000 6940000 6940000

28 543000 6935500 6935500 6935500

29 500000 6945000 6945000 6945000

30 450000 6943000 6943000 6943000

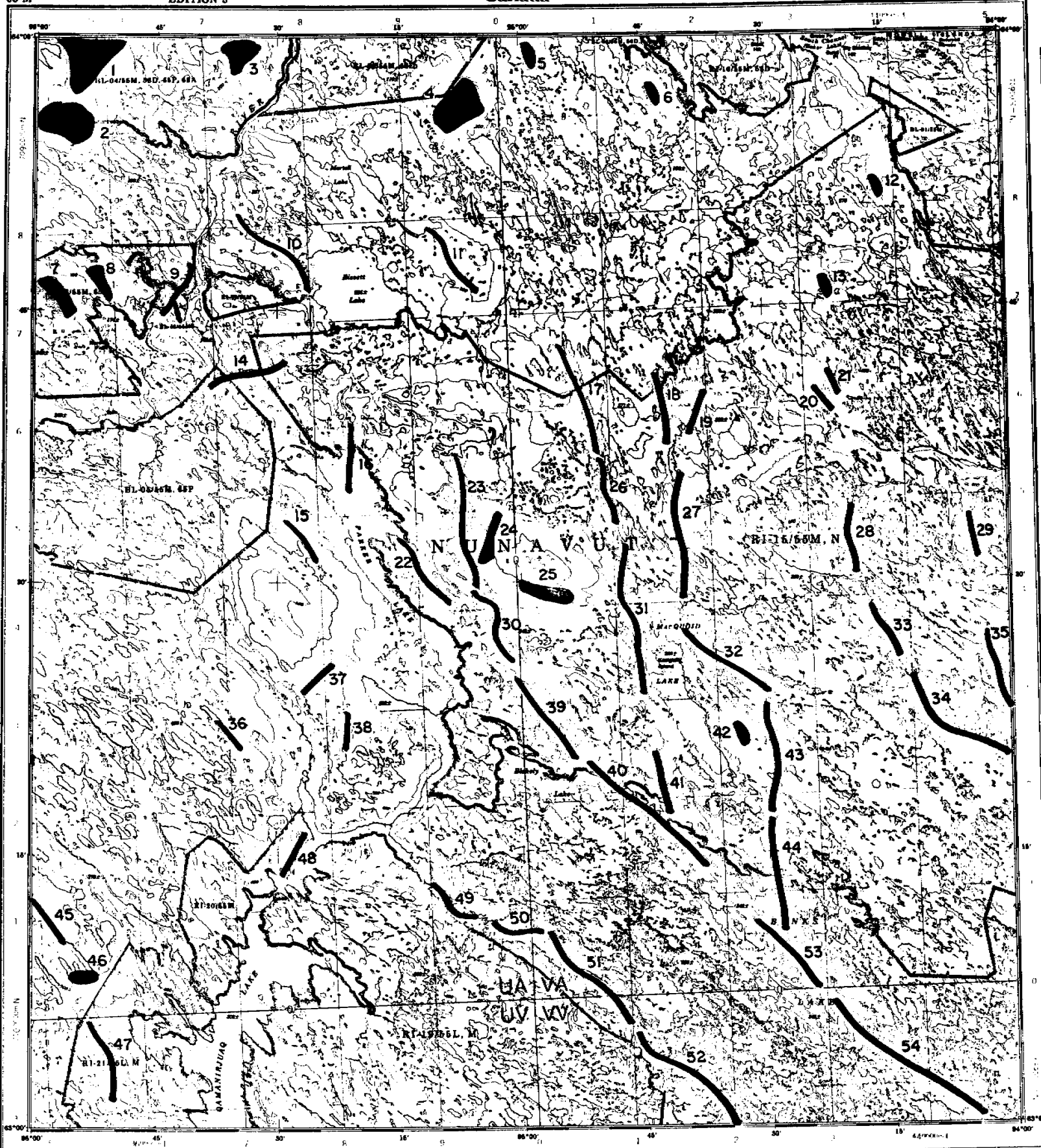
31 437000 6938500 6938500 6938500

SUMMARY OF SAND AND GRAVEL PROSPECTS																		
NTS 55K			ZONE 15V															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY				DEPOSIT SIZE				
	EASTING	NORTHING	Esar	Kone	Outwash	Ice deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
1	45000	6983000																
	454000	6981000																
	458000	6978000	X								X					X		
2	461000	6978000																
	466000	697000																
	470000	6963000																
	473000	6958000																
	479000	6952000	X								X					X		
3	476000	6961000																
	479000	6955000																
	483000	6950000	X								X					X		
4	483000	6961000																
	485000	6959000	X						X		X		X	X		X		
5	473000	6965000																
	475000	6978000																
	479000	6970000																
	482000	6966000																
	488000	6961000																
	489000	6953000																
	495000	6948000	X								X							X
6	491000	6983000																
	493000	6972000																
	495000	6960000	X								X					X		
7	510000	6974000																
	511000	6967000																
	514000	6967000	X								X							X
8	532000	6978000																
	538000	6975000	X						X		X		X	X		X		
9	528000	6984000																
	533000	6981000																
	540000	6975000																
	546000	6970000	X	X							X		X	X			X	
10	547000	6985000																
	550000	6981000	X	X							X		X	X			X	
11	549000	6978000																
	550000	6973000							X				X	X		X		
12	528000	6968000																
	529000	6962000	X						X		X		X	X				X
13	451000	6967000																
	460000	6962000																
	466000	6955000	X								X							X
14	452000	6960000																
	459000	6951000																
	468000	6941000	X								X							X
15	488000	6930000																
	470000	6941000	X								X							X
16	472000	6953000																
	471000	6949000	X						X		X		X	X				X
17	472000	6939000																
	468000	6936000																
	475000	6932000																
	480000	6923000	X	X							X		X	X				X
18	483000	6948000																
	488000	6943000																
	490000	6937000	X								X					X		
19	505000	6953000																
	506000	6951000																
20	508000	6953000																
	509000	6948000	X								X						X	
21	520000	6955000																
	521000	6954000																
22	518000	6939000																
	522000	6938000	X								X						X	
23	532000	6954000																
	536000	6950500	X						X		X		X	X		X		
24	532000	6943000																
	533000	6942000									X			X	X	X		
25	538000	6947000																
	544000	6943000	X								X		X	X		X		
26	546000	6946000																
	550000	6943000	X								X		X	X		X		
27	540000	6940000																
	542000	6937500	X								X						X	
28	543000	6935500																
	550000	6933500	X								X						X	
29	500000	6943000																
	508000	6936500																
	515000	6931500	X								X						X	
30	450000	6940000																
	450000	6941000																
31	457000	6938500																
	458000	6937500																

NTS 55K		ZONE 15V																
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY				DEPOSIT SIZE	
	EASTING	NORTHING	Elev	Kone	Outwash	Ice-contact	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
32	460000 462500	6927000 6929000							X				X	X				X
33	463000 463000	6925000 6929000							X				X	X				X
34	453000 460000 470000 473500	6925000 6923000 6916000 6913500	X								X							X
35	490000 491000	6915000 6914000						X					X	X		X		
36	490000 495000	6919000 6913000	X						X	X			X	X			X	
37	505500 507000 508000	6923500 6924500 6921000	X					X		X			X	X			X	
38	507000 515000 520000	6914500 6909000 6903000	X						X	X			X	X				X
39	514000 518000 523000	6913000 6908000 6904000	X						X	X			X	X				X
40	520000 522000	6923500 6922000	X						X	X			X	X		X		
41	524000 527000	6920000 6918000	X						X	X			X	X		X		
42	526000 532000	6921500 6924500	X							X							X	
43	528000 532000	6927000 6923500	X						X	X			X	X		X		
44	539000 540000	6918000 6916000	X							X						X		
45	454000 457000	6904000 6903000	X							X							X	
46	472000 473500	6904000 6903500	X						X	X			X	X		X		
47	487000 494000	6907000 6903000	X							X							X	
48	500000 501000	6902000 6901000	X						X	X			X	X		X		
49	502000 508000 512000	6907000 6904000 6903000	X						X	X			X	X				X
50	460000 462000	6890000 6889000	X						X	X			X	X		X		
51	464000 468000	6891500 6889000	X							X							X	
52	470000 471000	6894000 6891000	X							X						X		
53	474000 481000	6890300 6886000	X							X							X	
54	491000 495000	6895500 6892500	X							X							X	
55	450000 455000 460500	6870500 6878500 6873500	X							X								X
56	464500 466500	6876500 6874500	X							X						X		
57	485500 491000	6881500 6877500	X							X							X	

NTS 55L		ZONE 15V															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY		DEPOS. SIZE				
	EASTING	NORTHING	Etter	Kame	Outwash	Ice-dammed lake	Terrace	Delta	Beach	Talus	Ridge	Hill	Plata	Slope	Scrub	Small	Medium
1	384000 385000	6967000 6961000	X								X					X	
2	369000 374000 377000	6963000 6979000 6974500	X								X						
3	367500 371000 372500	6973500 6972000 6963500	X								X						X
4	374000 375000	6961000 6968000	X								X					X	
5	347000 351000 358000	6966000 6962000 6968500	X	X							X		X	X			X
6	368000 367000 371500	6957300 6954000 6949500	X						X		X		X	X			
7	375500 377000 379500	6954000 6949000 6943000	X								X						
8	383500 385500	6949500 6947300							X				X	X			
9	383500 385000	6951000 6950000							X				X	X			
10	387000 389000	6943500 6944000							X				X	X			X
11	384000 389000	6972000 6971000	X	X							X		X	X		X	
12	391000 392500	6970500 6968000	X								X					X	
13	389000 392000 393500	6969200 6968500 6964000	X						X		X		X	X		X	
14	397500 402000	6963000 6961000	X						X		X		X	X		X	
15	404500 408000 411000	6960000 6955000 6952000	X								X						
16	401000 405000	6952000 6948000	X								X						X
17	409000 410500	6948000 6948000	X								X					X	
18	411000 413500	6970500 6970000							X				X	X		X	
19	421000 426000 434000	6985000 6979000 6975500	X	X							X		X	X			
20	439000 440500	6981500 6978500	X								X					X	
21	447000 449000	6979700 6978000							X				X	X		X	
22	443500 445500	6978000 6971500	X								X						X
23	438500 442000 448000	6972000 6967000 6963000	X								X						
24	416000 423000 429000	6949000 6945000 6944500	X						X	X		X	X				
25	423000 424000	6937500 6937500							X			X	X			X	
26	428000 429500	6940500 6940500							X			X	X			X	
27	434000 436500	6930000 6943500	X								X						X

J.D. Mollard and Associates Limited
March, 1995 **FIGURE 5**



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MACQUOID LAKE
DISTRICT OF KENYATIN DISTRICT DE KENYATIN
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST

Scale 1:250,000 Échelle

CONVERSION SCALE FOR ELEVATIONS

ÉCHELLE DE CONVERSION DES ALTITUDES

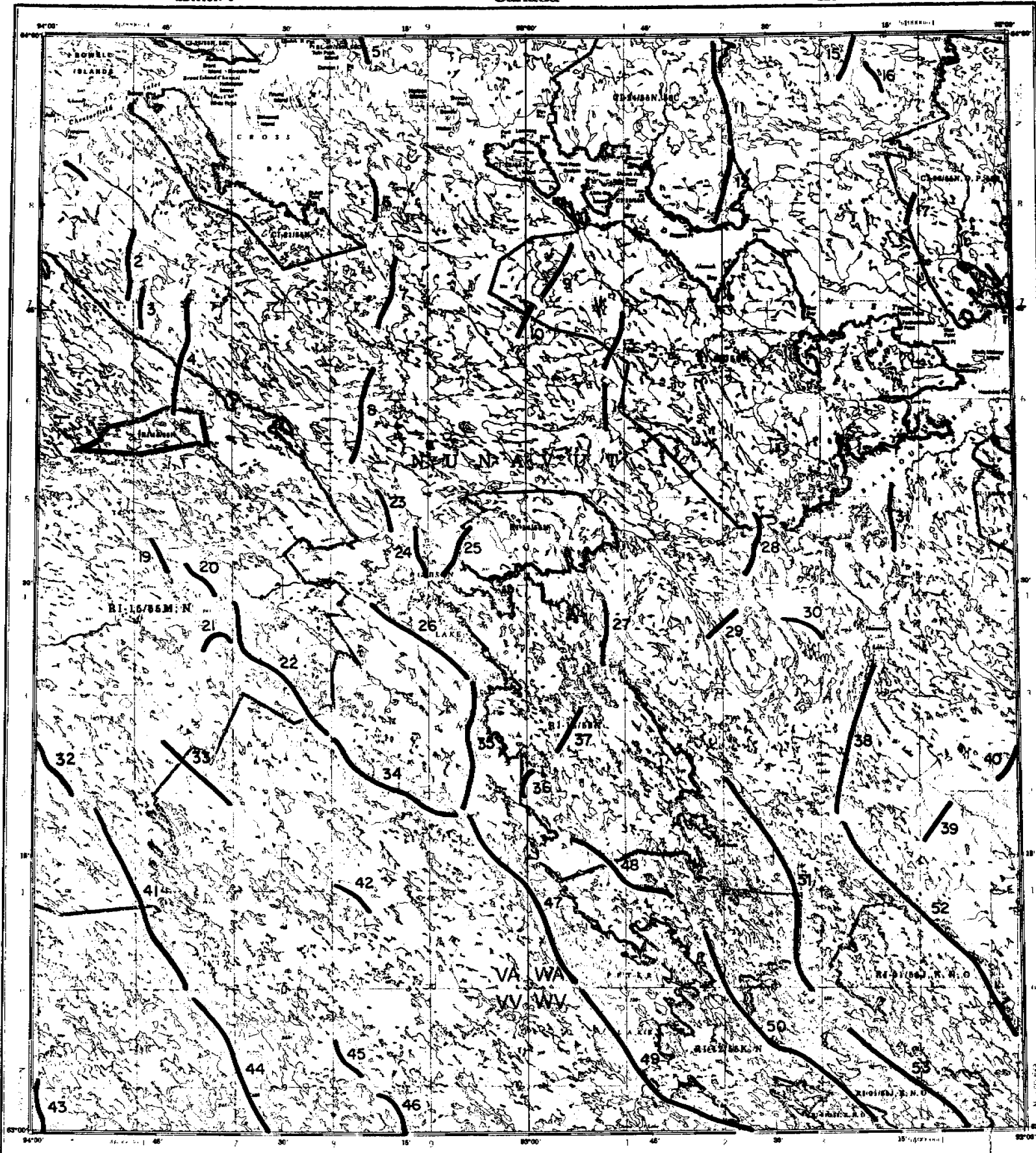
CONVERSION SCALE FOR ELEVATIONS

ÉCHELLE DE CONVERSION DES ALTITUDES

TABLE 6
SUMMARY OF SAND AND GRAVEL PROSPECTS

PROSPECT	NTS 55M		ZONE 15V		UTM GRID		GEOLOGIC LANDFORM		SURFACE TOPOGRAPHY		DEPOSIT SIZE	
	EASTING		NORTHING		Easting		Northing		Easting		Northing	
	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID
1	357000	7099000	357000	7099000								
2	354000	7093000	357000	7092500								
3	373000	7088000	373000	7088000								
4	394000	7090000	397000	7093000								
5	403000	7087000	403000	7087000								
6	415500	7092500	416000	7091000								
7	353000	7073000	356000	7072000								
8	358000	7076000	359000	7074000								
9	368000	7076000	365000	7072000								
10	373000	7078000	377000	7078000								
11	393000	7078500	396000	7073000								
12	437500	7082500	438000	7081000								
13	432500	7072500	433000	7071000								
14	370000	7064500	376500	7065500								
15	377000	7049500	379000	7046500								
16	383500	7059000	380000	7053000								
17	405500	7066000	407500	7064000								
18	415000	7063000	416000	7057000								
19	418500	7058000	419500	7061000								
20	431000	7061000	432500	7059000								
21	432500	7063000	433000	7061000								
22	389000	7047000	392000	7042000								
23	394500	7053000	394500	7049000								
24	398000	7049000	397000	7046000								
25	401000	7042000	403000	7040000								
26	409000	7054000	410000	7049500								
27	416500	7052000	417000	7046000								
28	434000	7048000	434500	7043000								

PROSPECT	NTS 55M		ZONE 15V		UTM GRID		GEOLOGIC LANDFORM		SURFACE TOPOGRAPHY		DEPOSIT SIZE	
	EASTING		NORTHING		Easting		Northing		Easting		Northing	
	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID	UTM GRID
29	446500	7048000	447000	7044000								
30	396000	7041500	398000	7039000								
31	411000	7046000	415000	7038000								
32	417500	7038500	424000	7031500								
33	436000	7038500	438500	7034500								
34	440500	7030500	444500	7023500								
35	448000	7035000	449500	7029000								
36	368500	7029000	371000	7027000								
37	378000	7032500	380500	7034500								
38	382000	7029500	382000	7028500								
39	400500	7032000	404500	7025500								
40	407000	7023500	410000	7018500								
41	413500	7024000	414500	7019000								
42	422000	7027000	422500	7023500								
43	425000	7028000	426000	7023500								
44	425000	7016000	425000	7012000								
45	350000	7015000	352000	7008000								
46	353000	7004000	355000	7004000								
47	355000	6998500	356500	6992000								
48	377000	7017500	375000	7014500								
49	398500	7011500	393000	7009000								
50	398000	7008000	400000	7007000								
51	402000	7005000	406000	6998000								
52	411000	6998000	416000	6992000								
53	423000	7007000	429000	7004000								
54	431000	6998500	438000	6992000								
	445000	6987000										



GIBSON LAKE
DISTRICT OF KEEWATIN DISTRICT DE KEEWATIN
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST

Scale 1:250 000 Échelle

CONVERSION SCALE FOR ELEVATIONS SCHELLE DE CONVERSION DES ALTITUDES

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TEN THOUSAND METRE
QUADRILLAGE DE DIX MILLE MÈTRE
TRANSVERSE UNIVERSAL DE MÉRIKAT

UNITED STATES OF AMERICA
NORTH AMERICA
NORTH AMERICA

UNITED STATES OF AMERICA
NORTH AMERICA
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NORTH AMERICA
NORTH AMERICA

UNITED STATES OF AMERICA
NORTH AMERICA
NORTH AMERICA

UNITED STATES OF AMERICA
NORTH AMERICA
NORTH AMERICA

UNITED STATES OF AMERICA
NORTH AMERICA
NORTH AMERICA

TABLE 7
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55N			ZONE 15V														
PROSPECT	UTM GRID		GEOLOGIC LANDFORM									SURFACE TOPOGRAPHY				DEPOSIT SIZE	
	EASTING	NORTHING	Esar	Kone	Outwash ice 150000	Terrace	Dike	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
1	453000 455000	7084500 7083000						X				X	X		X		
2	460000 459500	7077000 7071000	X						X						X		
3	461000 460500	7071000 7068000	X						X						X		
4	463500 464500	7070000 7061000	X						X							X	
5	463000 463500	7069700 7069500	X						X							X	
6	464000 464500	7062000 7079000	X						X						X		
7	466500 469500	7064000 7068000	X						X						X		
8	464000 462500	7062500 7054000	X						X							X	
9	504500 502000	7075000 7071000	X						X							X	
10	500500 499500	7068000 7067000	X						X						X		
11	519000 520000 525000	7096000 7091000 7087500	X						X								X
12	521000 519500	7080000 7079000	X						X								X
13	506500 508000	7068500 7064000	X						X						X		
14	508000 508000	7061000 7057000	X						X						X		
15	533000 532000	7096000 7093000	X						X						X		
16	534500 536000	7094000 7092000	X					X	X		X	X			X		
17	539500 538500	7080500 7078000	X						X						X		
18	547000 548000	7075000 7072000						X				X	X		X		
19	462000 463000	7045000 7043000	X						X						X		
20	465500 466000	7043000 7040500	X						X						X		
21	467000 469500	7034500 7035500	X						X						X		
22	470500 472000 476000 479000	7039000 7034000 7039000 7026500	X						X								X
23	483500 488000	7050000 7047000	X						X						X		
24	489000 489500	7046000 7040000	X						X						X		
25	494000 492000	7047000 7043000	X						X						X		
26	485000 493000	7038500 7033000	X						X								X
27	508000 508000	7038000 7033000	X						X						X		
28	523000 522500	7046000 7043000	X						X							X	
29	519000 521000	7036000 7038000	X						X						X		

NTS 55N			ZONE 15V															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY				DEPOSIT SIZE				
	EASTING	NORTHING	Esar	Kone	Outwash	W. Stream	Terrace	Dike	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
30	526500 530000	7037500 7036000	X								X						X	
31	5370 00 537500	7050500 7045000	X								X						X	
32	450500 454000	7024000 7020000	X	X						X			X	X	X	X		
33	463000 468000	7025000 7019000	X					X		X			X	X			X	
34	480500 486500 492000	7025000 7020000 7017500	X							X								X
35	494500 494000 493500	7030000 7025000 7019000	X							X								X
36	500000 499500	7022000 7022000	X							X						X		
37	505000 503000	7028000 7024500	X							X						X		
38	535000 532500 531500	7032500 7025000 7019000	X							X								X
39	542500 540500	7018000 7018000	X							X						X		
40	549500 548090	7024000 7021500	X							X						X		
41	498000 461000 465000	7017500 7007000 7000500	X	X						X			X	X	X			X
42	481000 483000	7010000 7009000	X					X		X			X	X	X	X		
43	449500 450000	6990500 6987000	X							X						X		
44	468000 470000 473000	6999000 6994000 6996000	X	X						X			X	X	X			X
45	480300 482500	6994000 6991500	X							X						X		
46	485000 487000	6989500 6986000	X							X						X		
47	494000 500000 504000	7017000 7010000 7001500	X							X								X
48	505000 510000 514000	7015000 7011000 7009500	X							X							X	
49	506000 512000 522000	6998000 6990500 6985500	X							X								X
50	518000 528000 533000	7003000 6994000 6987000	X							X								X
51	521000 527000 528000	7020000 7010000 7001000	X							X								X
52	533000 540000 545000 549500	7015500 7007500 7003000 6995500	X							X								X
53	533000 540000 544500	6995300 6990000 6986000	X							X								X

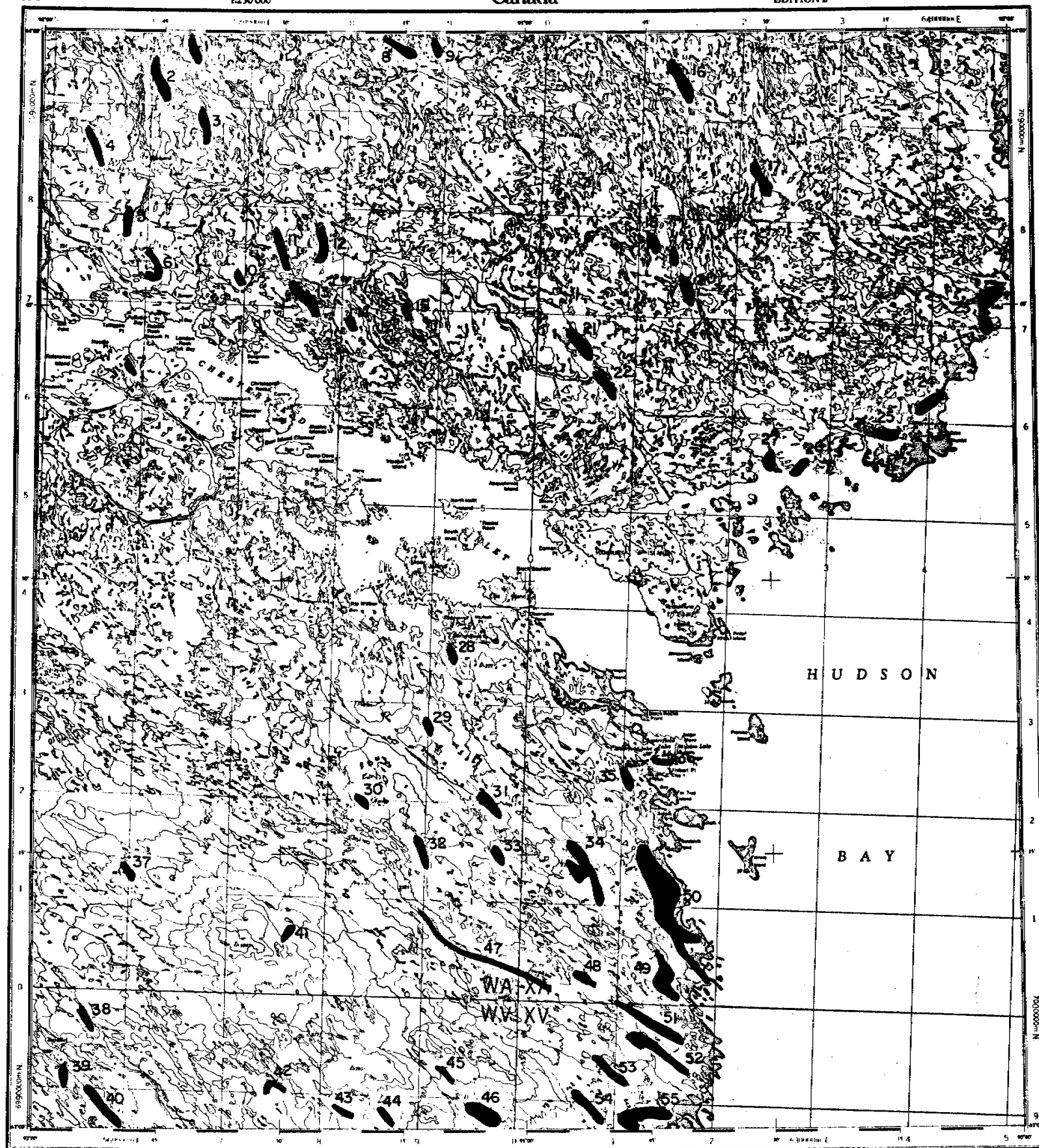


TABLE 8
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 55-0		ZONE 15V														
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY				DEPOSIT SIZE		
	EASTING	NORTHING	Elev	Home	Outwash	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Scrub	Small	Medium
1	564000 564500	7097000 7095000	X							X					X	
2	560500 561500	7094000 7091000	X					X	X		X	X			X	
3	563000 563500	7089000 7086500	X							X					X	
4	554000 553000	7086500 7084000	X					X	X		X	X			X	
5	558000 558000	7078000 7077000	X						X						X	
6	560500 561000	7074500 7072000	X	X					X		X	X			X	
7	558000 559000	7084000 7083000						X			X	X			X	
8	584000 586000	7097000 7096000						X			X	X			X	
9	588500 589000	7087500 7086000						X			X	X			X	
10	589000 589500	7073500 7072500						X			X	X			X	
11	573000 574000	7077000 7074000	X						X							X
12	577500 575000	7078000 7075000	X						X							X
13	573000 577000	7072000 7069500	X						X							X
14	580500 581000	7069000 7068000						X				X	X		X	
15	586500 587000	7070200 7069000						X				X	X		X	
16	613000 614500	7065000 7092500	X						X							X
17	621500 623000	7085300 7083000	X	X					X		X	X				X
18	611000 611500	7078300 7077000	X	X					X		X	X			X	
19	613500 613500	7076500 7073500	X						X						X	
20	614500 615500	7073500 7071500	X						X						X	
21	603000 605000	7068000 7066000	X	X					X		X	X				X
22	608000 607500	7064000 7062000	X						X							X
23	646000 645000	7073500 7070000						X				X	X			X
24	639000 640500	7081000 7082500						X				X	X			X
25	635000 638500	7058500 7058500						X				X	X			X
26	628000 627000	7034500 7034000						X				X	X			X
27	623500 623500	7036000 7035000						X				X	X			X
28	592000 592000	7035500 7034500						X								
29	589500 590000	7028200 7027000						X				X	X			X
30	582800 584300	7020000 7019500						X				X	X			X
31	595500 587000	7020500 7019000						X				X	X			X
32	589000 590000	7016000 7013500	X						X							X
33	597000 597500	7015000 7014000						X								X
34	603000 608000	7015500 7010500	X					X	X			X	X			X
35	610200 610500	7023500 7022500						X				X	X			X

NTS 55-0		ZONE 15V																
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY				DEPOSIT SIZE	
	EASTING	NORTHING	Escher	Kame	Outwash	K. S. (S. 100') S. 100'	Terrace	Beach	Talus	Ridge	Hill	Plain	Steps	Beach	Small	Medium	Large	
36	613200 614800	7024800 7024800						X			X	X		X				
37	539500 560200	7013000 7012000						X				X	X		X			
38	555500 556200	6998000 6996200						X				X	X		X			
39	553500 553500	6992000 6990500						X				X	X		X			
40	556300 559000	6990000 6987000	X		X					X		X	X			X		
41	578300 578000	7007000 7006000		X	X						X	X	X		X			
42	574200 578000	6990500 6980300							X			X	X		X			
43	581500 582500	6986700 6988000						X				X	X		X			
44	586000 587000	6986300 6987500						X				X	X		X			
45	592000 593000	6993000 6992000						X				X	X		X			
46	595000 598000	6989000 6988000	X					X		X		X	X				X	
47	590000 596000 602500	7008500 7004500 7001500		X				X		X		X	X				X	
48	605500 607500	7003000 7002000	X					X		X		X	X		X			
49	614500 615000	7004000 7001500	X					X		X		X	X		X			
50	612000 615000 614000 618000	7015000 7012000 7009000 7004000	X					X		X		X	X				X	
51	611000 618000	6999500 6997000	X					X		X		X	X				X	
52	612000 618500	6996500 6993500	X					X		X		X	X				X	
53	608000 610500	6994500 6992500	X					X		X		X	X				X	
54	606000 608500	6990300 6988500	X					X		X		X	X				X	
55	611000 615000	6988500 6989000	X					X		X		X	X				X	

Military users, refer to this map as:	SERIES A 50
Référence de cette carte pour les usages militaires:	MAP 55-0
	THRU 2 00

ONE HOUR OF POWERED
15V

TO HAVE A DIFFERENCE IN NUMBER OF
EXAMPLE RAPIDS

CAUTION: Read number on grid line immediately to left of panel

1 Example levels of a square from the line continued to next

WARNING: Read number on grid line immediately before panel

1 Example levels of a square from the line continued to next

ONLY GRID ONE DIFFERENCE
the number (1000 meters).

It measuring beyond 10" in any direction, please Grid Zone Designation as 15

TEN THOUSAND
UNIVERSAL TRANSVERSE
ZONE 15

APPENDIX 2 - SOURCES UTILISED

Produced by the MAPPING AND CHARTING ESTABLISHMENT,
DEPARTMENT OF NATIONAL DEFENCE.
Information detailed current as of 1964 Printed 1967.

The diagnostic criteria may be applied to that case

Magnetic declination [50] varies from 1°52' westerly to 2°00' westerly, and is 1°58' westerly at middle of run.

signs: linear enamel changes (erosion) 38

The map was created in 1995 and updated in 2000.

Colors may be different from the Canada Map (175-00).

Experiments of Feasibility, Effect and Resources, Others, or any recent man-
 100

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Department of Energy, Mines and Resources.

ROADS-ROUTES

Nord surface - pavé
Sud surface - en terre

cast track - die terre ...

trial - quarter DEEP DEPTHS SERIES

Publié par le SERVICE DE CARTOGRAPHIE,
MINISTÈRE DE LA DÉFENSE NATIONALE.
Renseignements à jour en 1964 imprimée en 1964

La biennale vera peut être installée dans cette salle

Le PDI, le déchetage magnétique se réfère au fait de la carte PCI de 153 - quatre et de 1118 quatre

du livre et la dédicace officielle au grand public

Cette sorte a été introduite en 1922 et 1926

Les données importantes ont été mises à jour

construire de l'énergie, des biens et des services.

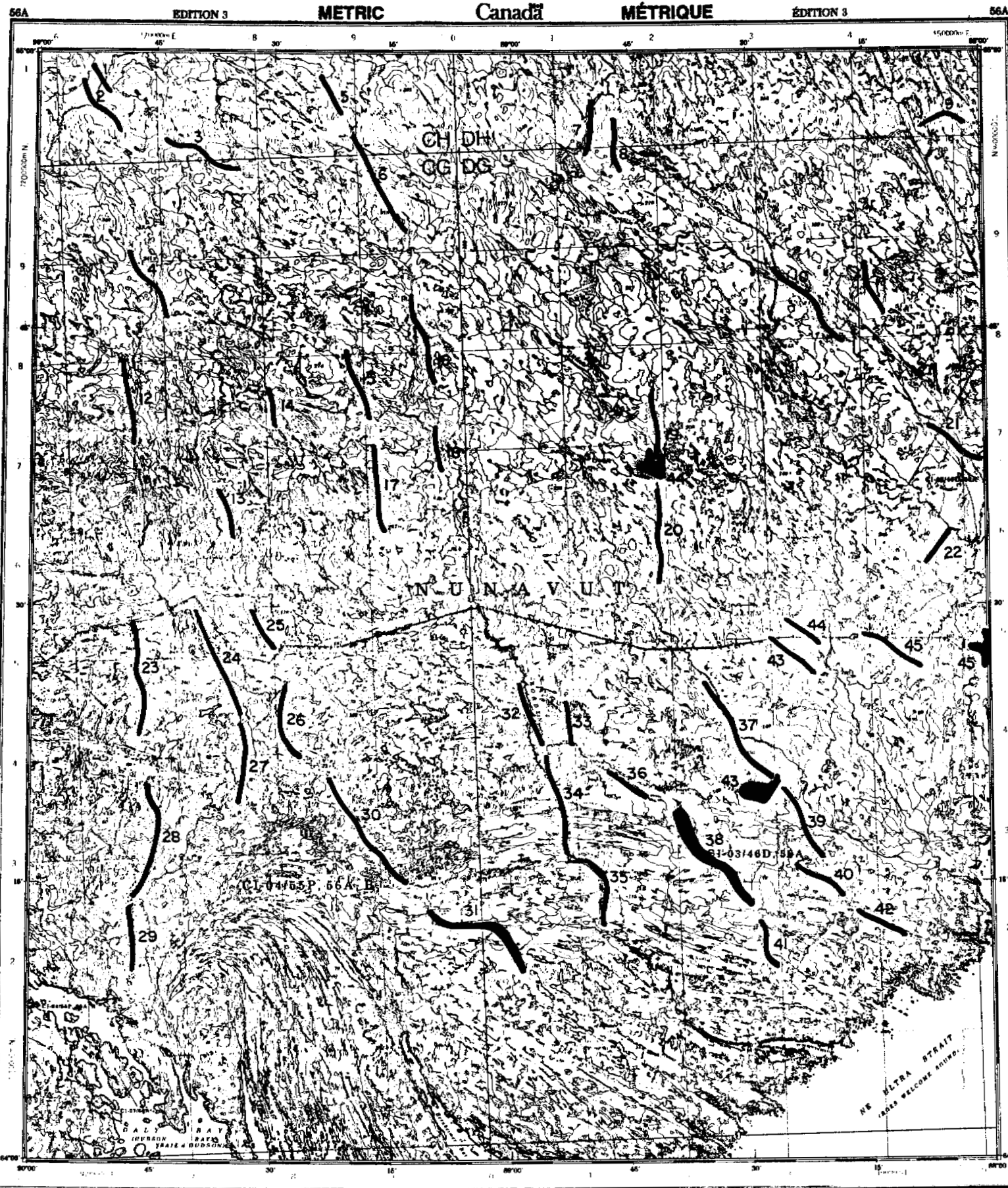
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Ministre de l'Énergie, des Mines et des Ressources

[illegible]

J.D. Mollard and Associates Limited
March, 1995

FIGURE 8



DALY BAY
DISTRICT OF KERRATIN DISTRICT DE KERRATIN
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST

Scale 1:250 000 Échelle

CONVERSION SCALE FOR ELEVATIONS

SCHEMÉ DE CONVERSION DES ALTITUDES

CONVERSION TABLE

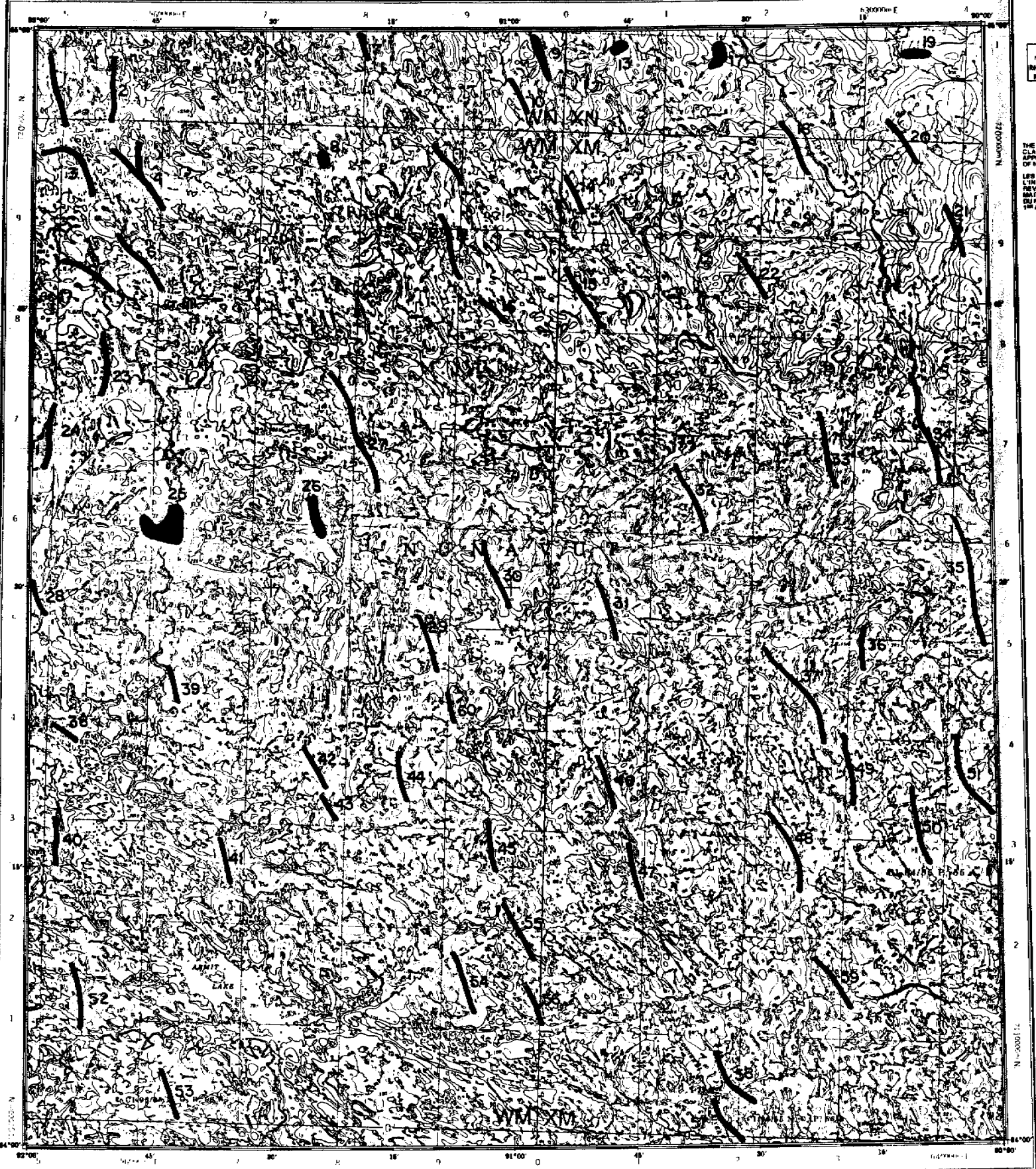
CONVERSION TABLE

TABLE 9
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56A			ZONE 16W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY				DEPOSIT SIZE	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice Sheet Deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
1	363500	7209500																
	364500	7207500	X		X				X				X	X			X	
2	362500	7208000																
	366000	7204000	X		X			X				X	X	X			X	
3	371000	7202000																
	377000	7199000	X								X						X	
4	367000	7180000																
	370000	7185000	X								X						X	
5	3665000	7208000																
	368000	7205000	X								X							X
6	390000	7201000																
	394000	7193000	X								X							X
7	413500	7204000																
	413000	7200000	X								X						X	
8	418000	7202500																
	418000	7198000	X								X						X	
9	447000	7201500																
	450000	7203000	X								X						X	
10	432000	7186000																
	437000	7180500	X								X							X
11	440500	7187000																
	442000	7182500	X								X							X
12	366000	7179500																
	366500	7172500	X								X						X	
13	373500	7188000																
	376200	7182000	X								X						X	
14	380500	7178000																
	380800	7173500	X								X						X	
15	388500	7179500																
	390500	7174000	X								X							X
16	395000	7185000																
	396500	7177500	X								X						X	
17	390800	7170000																
	391000	7163000	X								X							X
18	397000	7172000																
	397200	7168500	X								X						X	
19	419000	7174500																
	419000	7169000	X		X			X			X		X	X				X
20	419000	7165000																
	419000	7163500											X	X		X		
21	447000	7171000																
	451000	7168000			X			X	X									X
22	446500	7157500																
	448000	7160000						X				X	X			X		
23	368000	7133000																
	369000	7149000																
24	366200	7143000	X									X					X	
	372500	7154500																
25	374500	7149000																
	378500	7144500	X								X						X	
26	378000	7154000																
	380000	7151000	X								X						X	
27	380500	7146000																
	381500	7140000	X								X						X	
28	376500	7142500																
	376000	7136000	X								X							X
29	367000	7136000																
	367000	7131000																
30	365000	7126500	X															
	364500	7119500	X								X	X		X	X			X
31	385000	7137000																
	388500	7131000																
32	392000	7127000	X								X		X	X				X
	395000	7123500																
33	401000	7122000																
	404000	7118000	X		X				X	X	X		X	X				X
34	404500	7145500																
	406500	7140500	X		X				X		X		X	X			X	
35	408200	7144000																
	409500	7140500	X								X						X	
36	407000	7138000																
	408500	7133500																
37	408500	7129500	X								X						X	
	411500	7127500																
38	412200	7122500	X		X				X	X	X		X	X			X	

NTS 56A			ZONE 16W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM									SURFACE TOPOGRAPHY				DEPOSIT SIZE		
	EASTING	NORTHING	Esker	Kame	Outwash	K. deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Pleia	Slope	Bench	Small	Medium	Large
36	414000 418500	7136500 7135000	X								X					X		
37	423000 428000 429500	7146000 7142000 7136500	X						X		X		X	X				X
38	420500 423000 427000	7133000 7128000 7124000	X	X				X	X		X	X		X				X
39	431000 434000	7134500 7128500	X					X		X	X	X	X					X
40	432000 436000	7127000 7124500	X					X		X	X	X	X					X
41	428000 429000	7121000 7117500	X	X				X	X		X		X	X		X		
42	438000 442000	7122000 7120000							X				X	X		X		
43	427000 430000	7135000 7135500	X					X					X	X				X
44	418000 4195000	7168000 7167500	X					X					X	X				X
45	430500 431500 431500	7148500 7149500 7147500			X			X					X	X		X		

METRIC/MÉTRIQUE

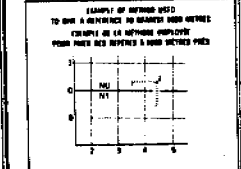
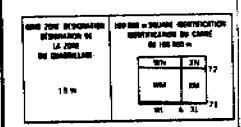


PRODUCED BY THE CANADA CENTRE FOR MAPS...
ARMIT LAKE
DISTRICT OF KEEWATIN
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST
Scale 1:250 000 Échelle
CONVERSION SCALE FOR ELEVATIONS
SCHÉLLE DE CONVERSION DES ALTITUDES

Military users, refer to this map as: Série A 501 SEME
Référence de cette carte pour usage militaire: Série A 501 SEME

THE LIMITS OF THE LAND PARCELS WITHIN THE CLAIM SETTLEMENT AREA ARE DEPICTED APPROXIMATELY. LOCATIONS OF THE TERRITORIAL L OF NUNAVUT WILL COME INTO FORCE APRIL 1, 1999.

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 15
MÉTRES
DE 10 000 MÈTRES



REFERENCE POINT: CHURCH SQUARE
Point de référence: CHURCH SQUARE
Easting: 548500
Northing: 7206000
UTM Grid: 548500 7206000

TABLE 10
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56B			ZONE 15W														
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY			DEPOSIT SIZE	
	EASTING	NORTHING	Ester	Kome	Outwash	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
1	548500 530000	7206000 7200000	X							X						X	
2	553000 555000	7206000 7200000	X							X						X	
3	549000 552000 553000	7195000 7196000 7193000	X							X							X
4	558000 557500 560000	7195000 7197000 7192000	X							X							X
5	551000 555000	7185000 7183000	X							X						X	
6	556500 560000	7187500 7183500	X							X						X	
7	579500 580000	7209000 7207000	X							X						X	
8	576000 578000	7197000 7196000		X							X					X	
9	597000 598000	7209000 7208000			X							X	X			X	
10	595000 596000	7204000 7202500	X							X						X	
11	587500 590000	7197500 7195000	X							X						X	
12	588500 590000	7190500 7185000	X							X							X
13	604500 605500	7208500 7208500		X	X						X	X	X			X	
14	600500 602000	7195000 7192000	X							X						X	
15	601000 604000	7186000 7181000	X							X						X	
16	592000 594500	7183000 7181000	X							X						X	
17	615000 615000	7205000 7207000	X		X					X		X	X			X	
18	622000 624000	7201000 7197000	X		X					X		X	X				X
19	634000 636000	7208500 7208500			X							X	X			X	
20	633000 635000	7201000 7198000	X							X							X
21	638500 640000	7193500 7190000	X							X						X	
22	618500 620500	7201000 7194000	X							X						X	
23	554500 554500	7178500 7173000	X							X							X
24	549500 549000	7171000 7165500	X							X						X	
25	559000 582000 582000	7160000 7158000 7161000			X							X	X				X
26	576000 577000	7162000 7159000	X	X						X	X					X	
27	578000 580000 582500	7174000 7165000 7164000	X	X						X	X						X
28	548500 549500	7163000 7150500	X	X	X					X	X	X	X			X	
29	587000 588500	7150000 7146000	X							X						X	
30	593000 595500	7158000 7152500	X	X						X	X						X
31	605000 606500	7155000 7150000	X							X						X	
32	612000 615000	7166500 7161000	X							X						X	
33	626500 628000	7172000 7163500	X							X						X	
34	635500 636500 638500	7176500 7172500 7168500	X		X					X		X	X				X
35	640500 642000 643000	7162000 7158000 7151000	X							X							X

NTS 56B			ZONE 15W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY				DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	IC-500001	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
36	631000 631000	7150000 7147500	X	X							X	X				X		
37	622000 625000 627500	7148000 7145000 7140500	X	X							X	X						X
38	530000 552500	7139000 7138000	X								X						X	
39	582500 583000	7143000 7142000	X								X						X	
40	530000 551000	7129500 7128000		X								X					X	
41	567500 568500	7128000 7124500	X	X							X	X					X	
42	578000 578000	7137000 7134000	X	X							X	X					X	
43	578000 579000	7132500 7131000	X	X							X	X					X	
44	583000 586000	7137000 7133000	X	X							X	X					X	
45	594500 595000	7130500 7128500		X								X					X	
46	603500 606500	7136500 7133000		X								X					X	
47	608500 609500	7128500 7124000	X	X							X	X					X	
48	623000 625500	7130000 7123500	X	X							X	X						X
49	630000 630500	7139000 7134000	X	X							X	X					X	
50	638500 638000	7134500 7129000	X	X							X	X					X	
51	641000 644000	7140000 7133500	X								X							X
52	553000 554000	7115000 7110000	X	X							X	X					X	
53	562500 594000	7105000 7101000		X								X					X	
54	591500 593000	7117000 7112500		X					X			X	X	X			X	
55	595500 599000	7122500 7118000	X	X							X	X					X	
56	599000 600000	7114000 7111000	X	X							X	X					X	
57	617500 620000	7103000 7100000	X					X			X		X	X			X	
58	618000 621000	7107000 7104000	X	X							X	X					X	
59	628000 630500	7117500 7114000	X	X							X	X					X	
60	590000 590500	7143000 7141000		X								X					X	

[illegible]

TABLE 1.1

DATE	TIME	LOCATION	REMARKS

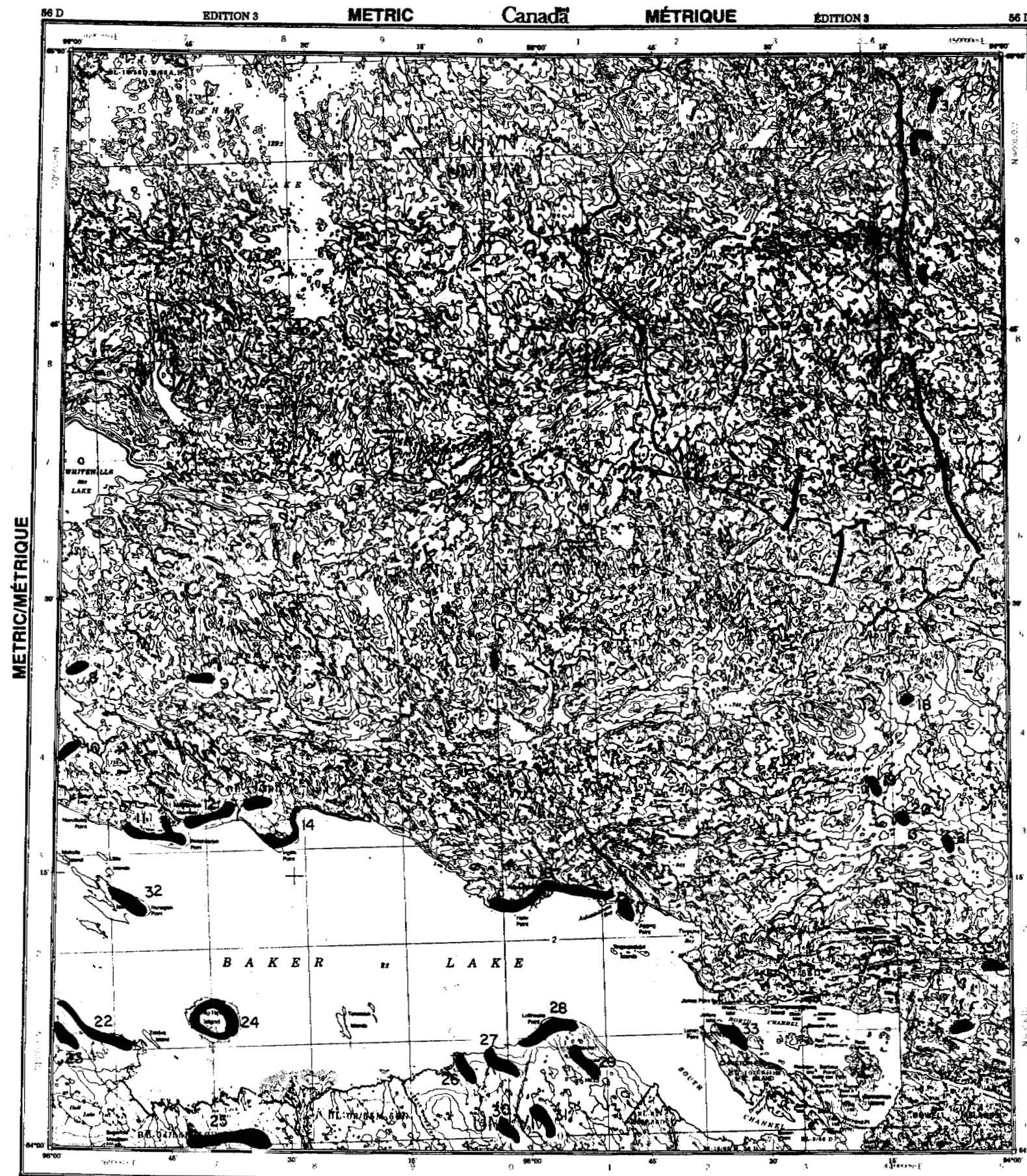


TABLE 12
SUMMARY OF SAND AND GRAVEL PROSPECTS

PROSPECT	NTS 56D		ZONE 15W															
	UTM GRID		GEOLOGIC LANDFORM						SURFACE TOPOGRAPHY					DEPOSIT SIZE				
	EASTING	NORTHING	Esler	Kame	Outwash	Ice-dammed till	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
1	442000 443000 443000	7207000 7198000 7187000	X	X							X		X X					X
2	444000 445000	7199500 7201000		X									X X					X
3	446000 446500	7204000 7205500	X	X							X		X X					X
4	444500 444500	7187500 7188000		X X								X X X					X	
5	443000 448000 448500	7178000 7167000 7180000	X	X							X		X X					X
6	430000 431000	7162000 7188000	X								X						X	
7	433800 434500	7160000 7158000	X								X					X		
8	398500 398000	7149000 7149500							X				X X		X			
9	368000 371000	7147500 7147500											X X		X			
10	335500 357000	7140500 7141500							X				X X		X			
11	362000 367000	7132500 7131500							X				X X					X
12	368500 372000	7133000 7134000							X				X X					X
13	374000 378000	7134500 7135000							X				X X					X
14	377000 379000 379000	7131000 7131000 7133500							X				X X					X
15	400000 400000	7149500 7148000							X				X X		X			
16	399000 404500 410000	7124000 7125500 7124500							X				X X					X
17	412000 412500	7123500 7122000							X				X X					X
18	441000 442000	7144000 7144000							X				X X		X			
19	438000 438500	7135500 7134500							X				X X		X			
20	440500 441000	7131500 7131000							X				X X		X			
21	445000 445500	7129500 7128500							X				X X		X			
22	355000 361000	7115000 7111000							X				X X					X
23	354000 356000	7112500 7111000							X				X X					X
24	368000 370000 370000 372000	7113000 7114500 7111500 7113000							X				X X					X
25	368000 371000 374500	7101000 7101000 7100500							X				X X					X
26	395000 396000	7108000 7106000							X				X X					X
27	398000 400000	7108500 7107000							X				X X					X
28	402000 406000	7109500 7111500							X				X X					X
29	406500 408500	7108500 7108500							X				X X					X
30	399000 400500	7101500 7100000							X				X X					X
31	402500 404000	7102500 7100500							X				X X					X
32	360500 363000	7126500 7124500							X				X X					X
33	421500 423500	7110500 7109500							X				X X					X
34	445000 447000	7110000 7110500							X				X X					X
35	448000 450000	7118500 7118500							X				X X					X



PRODUCED BY THE CANADA CENTRE FOR MAPS
DEPARTMENT OF ENERGY, MINES AND RESOURCES
DÉPARTEMENT DES ÉNERGIES, MINES ET DES RESSOURCES
NORTHWEST TERRITORIES DISTRICT DE KKWATIN
TERRITOIRES DU NORD-OUEST DISTRICT DE KKWATIN

Scale 1:250 000 Échelle

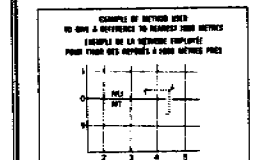
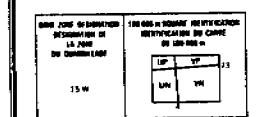
CONVERSION SCALE FOR ELEVATIONS
ÉCHELLE DE CONVERSION DES ALTITUDES

Military users, refer to this map as: 56 E 3001
Utilisateurs militaires, référer à cette carte: 56 E 3001

THE LIMITS OF THE LAND PARCELS WITHIN THE
LAND CLAIM SETTLEMENT AREA ARE SHOWN IN
APPROXIMATE LOCATIONS AND SUBJECT TO
THE DECISION OF THE COURT OF APPEAL IN
APRIL 1, 1988.

LES LIMITES DES PARCELLES DE TERRE
DANS LA ZONE DE RÉGLEMENT DES RECLAMATIONS
SONT INDICÉES À L'APPROXIMATION ET SONT
SUSCEPTIBLES D'ÊTRE MODIFIÉES À LA
SUITE D'UNE DÉCISION DU TRIBUNAL D'APPEL
EN AVRIL 1, 1988.

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 15
CARRILLAGE UNIVERSSEL TRANSVERSE DE MÉRIDIEN
DE DIX MILLE MÈTRES



REFERENCE POINT: CHURCHILL, EQUATOR
POINT DE RÉFÉRENCE: ÉGLISE, ÉQUATEUR

SPACING: 100 000 METRES
ÉCHELLE: 100 000 MÈTRES

EXTENT: 100 000 METRES
ÉTENDUE: 100 000 MÈTRES

SPACING: 100 000 METRES
ÉCHELLE: 100 000 MÈTRES

EXTENT: 100 000 METRES
ÉTENDUE: 100 000 MÈTRES

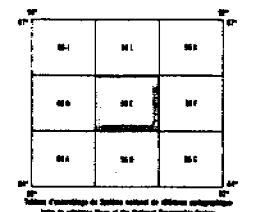
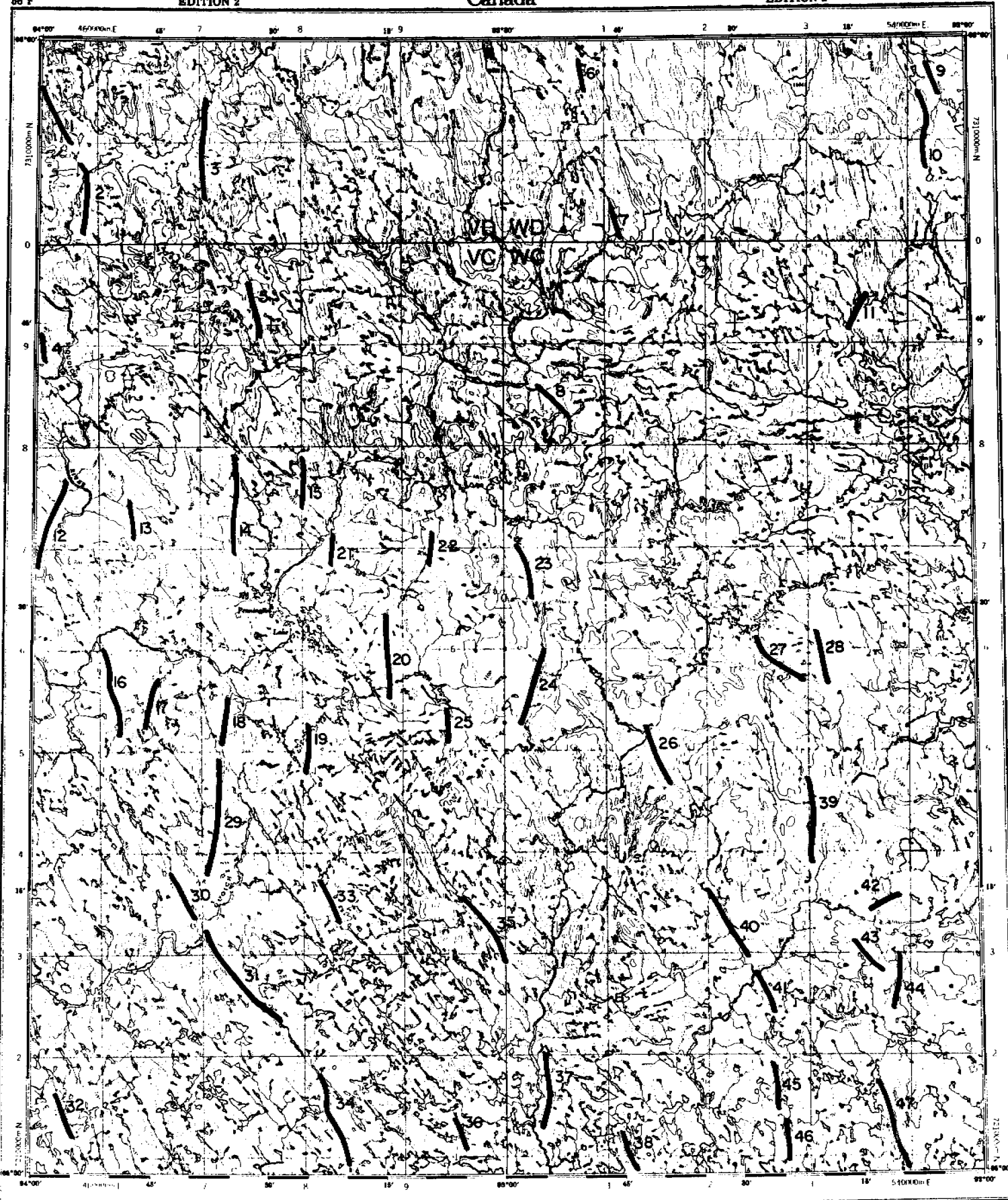


TABLE 13
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56E			ZONE 15W																
PROSPECT	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY				DEPOSIT SIZE				
	EASTING	NORTHING	Essex	Kang	Outwash	K-5200001	Scrub	Terrace	Delta	Bench	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
1	380000 382000	7317000 7321500	X		X							X		X	X			X	
2	383000 383000	7314500 7310000	X						X			X		X	X		X		
3	383500 390000	7310500 7307000	X									X					X		
4	400500 401500	7316000 7312000	X									X					X		
5	398000 398500	7305000 7302500	X									X					X		
6	414000 414000	7319000 7318000	X									X					X		
7	411500 411500	7312500 7309000	X									X					X		
8	421000 421500	7315000 7309000	X									X						X	
9	428300 430500	7308500 7300000	X									X							X
10	429000 433800	7284500 7303500	X									X							X
11	431500 432000	7297300 7294500	X									X							X
12	383000 384000	7297000 7292000	X									X					X		
13	380500 379500	7291000 7284500	X									X						X	
14	382500 384200	7297000 7285500	X									X					X		
15	401200 402500	7290000 7288500	X									X					X		
16	412000 415000	7297500 7294000	X									X						X	
17	416000 416000	7292000 7285000	X									X							X
18	420500 422000	7293500 7290500	X									X					X		
19	409000 413000	7285500 7283000	X									X					X		
20	451000 451000	7297500 7292000	X									X						X	
21	447500 449500	7283000 7288500	X									X					X		
22	448000 447500	7281000 7275000	X									X					X		
23	449500 448500	7272500 7269500	X									X					X		
24	384000 386000	7274500 7273000	X									X					X		
25	372000 372500	7272000 7268500	X									X							X
26	373000 379000	7266000 7262000	X									X							X
27	376000 3775000	7260000 7254500	X									X							X
28	378500 381500	7253000 7247000	X									X							X
29	390500 392000	7251000 7249000	X									X					X		
30	385500 386500	7273500 7270000	X									X					X		
31	393500 397000	7263500 7261500	X									X						X	
32	408500 410500	7268500 7266000	X									X					X		
33	405000 410500	7254000 7249000	X									X							X
34	416000 418000	7258500 7254000	X									X					X		
35	430000 431500	7266000 7269500	X									X					X		
36	433000 433500	7265000 7266500	X									X					X		
37	435500 435500	7259000 7253500	X									X					X		
38	441000 441000	7263000 7260500	X									X					X		
39	445500 449000	7255500 7261000	X									X						X	
40	433000 436000 435500	7243000 7245000 7248000	X									X					X		
41	429500 431000	7240500 7239000	X									X					X		
42	384000 386500	7236000 7233000	X									X					X		
43	367000 369000	7223000 7221000	X									X							
44	398500 398200	7240000 7238000	X									X					X		
45	438200 438800	7217000 7215000	X									X					X		
46	439500 438500	7213000 7211000	X									X					X		
47	448500 449500	7218500 7214500	X									X					X		
48	451500 451500	7212500 7209500	X									X					X		

J.D. Moffat and
Associates Limited
March, 1995

FIGURE 13



Military users, refer to this map as: Référence de cette carte: pour usage militaire.	SERIES A 501 SÉRIE MAP 56 F CARTE EDITION 2 MCE ÉDITION
--	---

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 15
SINGILLARI UNIVERSAL TRANSVERSE DE MERCATOR
DE DIX MILLE MÈTRES

200 000 m² SQUARE METERS
CAPACITY OF THE CAGE
IS 200 000 m²

MC	MC	70
MC	MC	

EXEMPLE DE VÉRIFICATION
TOUJOURS A RÉFÉRENCE VOUS REMPLIR LEZ MESURES
EXEMPLE DE LA MÉTHODE EMPLOYÉE
POUR FAIRE DES DÉPENSES À LONGS MOYENS PAYS

REFERENCE POINT	CHURCH - ÉGLISE	4th Street
POINT DE REPÈRE		10th Avenue
3000000 Road between 1st and 2nd Streets 3000000 Chem. entre les rues 1 ^{re} et 2 ^e		1000

TRISTE - Road number on grid line immediately to left of point
MEDICAL - Center is crossing of the lines on quadrangle immediately to south of center.

Il est ainsi possible de se représenter le mouvement d'un objet en mouvement rectiligne uniforme.

REVENUE Good number so good few
unusually late good
DISCOUNT Sales is rising in the future
the good things and the good of the future
the future

(c) Number of squares
The number of squares is given by
(number of squares in the row) × (number of squares in the column)
so the number of squares is 4 × 3 = 12

NO REPORTING REQUIRED IF ANY DETECTION POSITIVE AND 1
DETECTION OR 1 ATTEMPT TO
IN USE FOR NEGATIVE VALUE POSITIVE 1-0000000000

trouve à page 28. Les imports la direction, même
également le cas de quel-que tel que 1.474.34

[illegible]

FOR ALTITUDES

0 500 1000 Feet

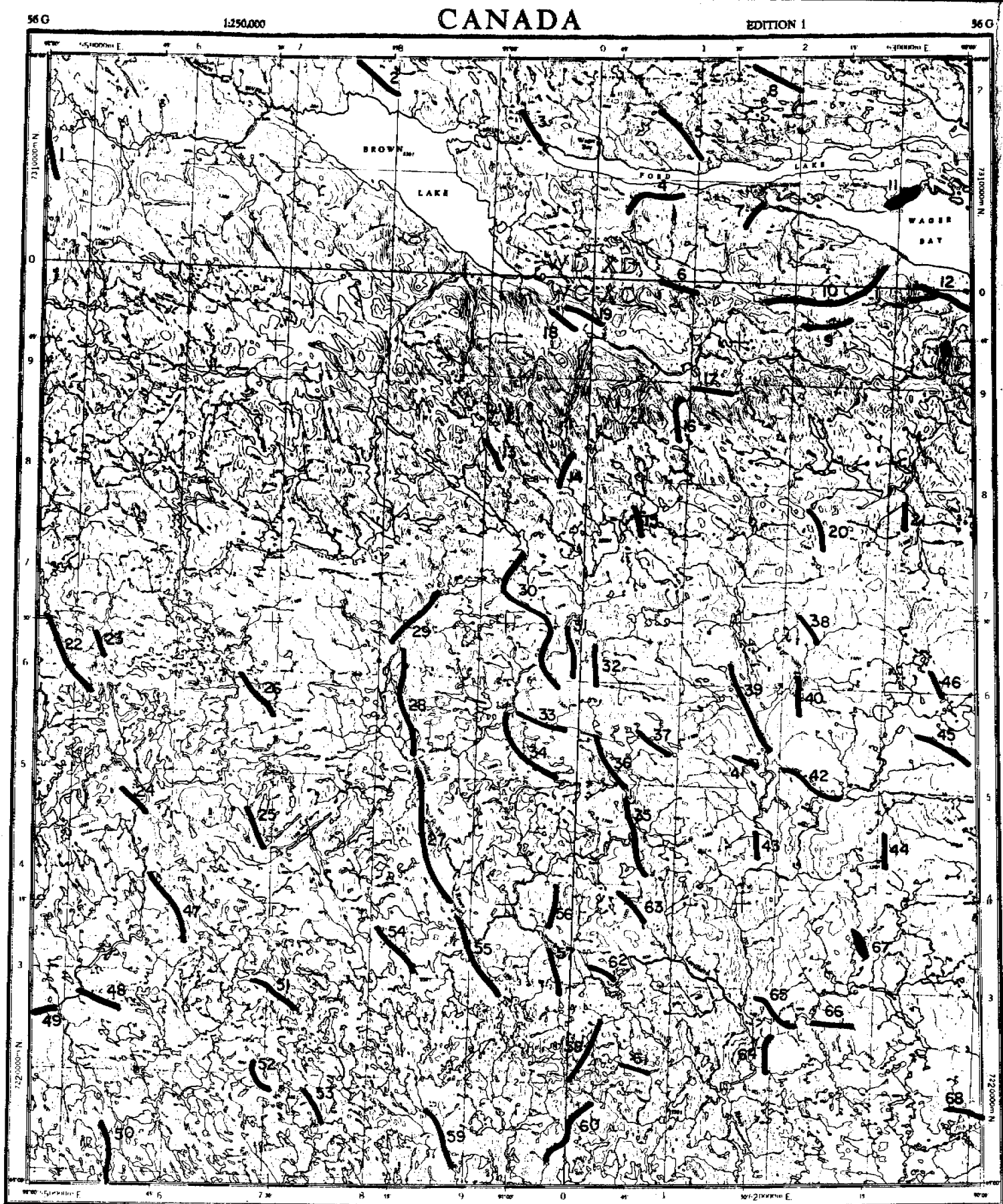
0 500 1000 Meters

[illegible]

TABLE 14
SUMMARY OF SAND AND GRAVEL PROSPECTS

PROSPECT	NTS 56		ZONE 15W															
	UTM GRID		GEOLOGIC LANDFORM								SURFACE TOPOGRAPHY				DEPOSIT SIZE			
	EASTING	NORTHING	Enter	Kone	Outwash	IC 500001	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
1	454500 457000	735500 7310500	X								X							X
2	458500 458500	7307500 7301500	X								X							X
3	470500 470500	7314000 7305000	X								X							X
4	454500 454500	7291000 7289000	X								X					X		
5	473000 476000	7296000 7291000	X								X					X		
6	507500 508000	7317500 7315000	X								X					X		
7	510800 511500	7303000 7300500	X								X					X		
8	503500 504000	7285500 7283000	X								X					X		
9	541500 542800	7317500 7315000	X								X					X		
10	541000 541500	7314500 7307500	X								X							X
11	534000 536000	7291000 7294500	X								X					X		
12	454000 456500	7269000 7278500	X								X							X
13	463000 463000	7275000 7271600	X								X					X		
14	473200 473000	7278500 7270000	X								X							X
15	480000 480000	7279000 7275000	X								X					X		
16	460500 462000	7260000 7258000	X								X							
17	463500 464500	7257000 7252500	X								X					X		
18	472200 472000	7255000 7231000	X								X					X		
19	480500 480000	7252500 7248000	X								X					X		
20	488000 488500	7263000 7256000	X								X							X
21	483900 482500	7271500 7269000	X								X					X		
22	492500 492500	7271500 7269000	X								X					X		
23	501000 502200	7270000 7265500	X								X							X
24	503500 501900	7260000 7253500	X								X							
25	494000 494000	7254000 7251000	X								X					X		
26	514000 518000	7252000 7247000	X								X							X
27	525000 529000	7261000 7257500	X								X					X		
28	550500 551500	7262000 7257000	X								X							X
29	471500 470500	7249000 7236500	X								X							
30	467000 469000	7238000 7234000	X								X							
31	470500 477000	7232000 7224000	X								X							
32	455500 456500	7218000 7215000	X								X					X		
33	481500 483000	7237000 7234000	X								X					X		
34	481500 484000	7218000 7210000	X								X							X
35	496000 499500	7235500 7230000	X								X					X		
36	495000 496000	7213500 7211000	X								X					X		
37	503500 503500	7219500 7215500	X								X					X		
38	511500 512500	7212000 7209000	X								X					X		
39	530000 530000	7247000 7239500	X								X					X		
40	520000 523500	7236000 7230000	X								X							
41	524500 526000	7228000 7226000	X				X						X	X				
42	536000 538500	7234500 7233500	X								X					X		
43	534500 537000	7231000 7228500	X								X					X		
44	539000 538000	7229500 7225000	X								X							X
45	526000 526500	7219000 7215000	X								X							X
46	527500 527500	7213500 7210000	X								X							X
47	537000 539500	7217000 7219500	X								X							

X J.D.Moitor and Associates Limited
March, 1995 *FIGURE 16*

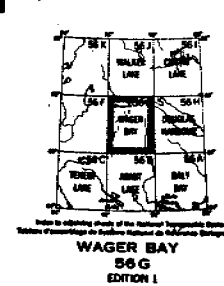
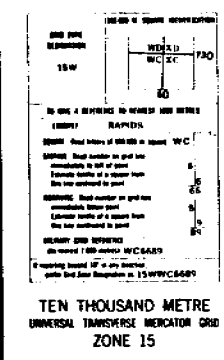


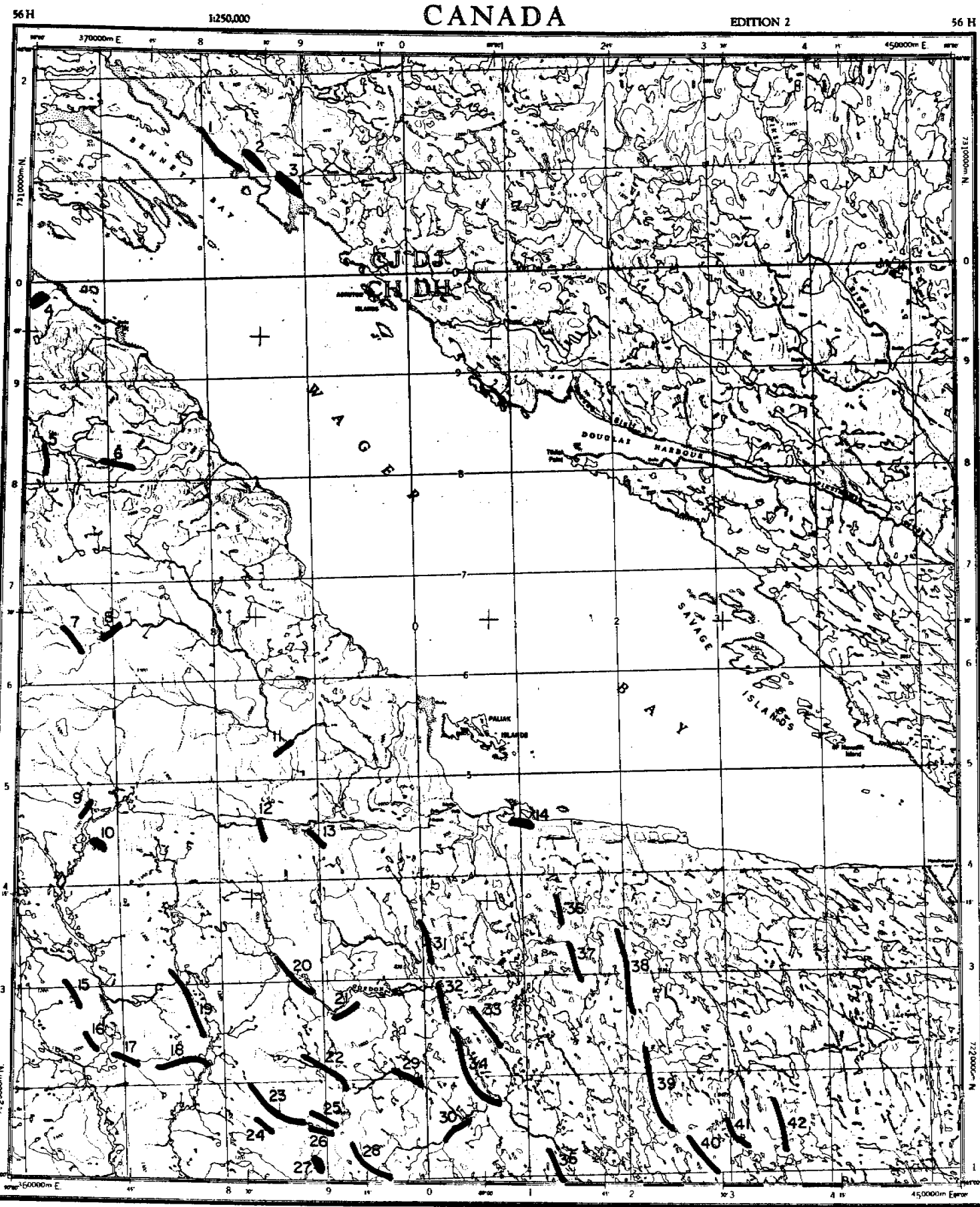
Refer to this map as: 56 G EDITION 1 ASK STAGES A 501

TABLE 15
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56G			ZONE 15W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY			DEPOSIT SIZE		
	EASTING	NORTHING	Esler	Kame	Outwash	Kleinert	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Swath	Medium	Large
1	545500 546500	7313000 7308500	X								X					X		
2	578000 580000	7320500 7317500							X				X	X		X		
3	592300 594000	7318000 7313500			X								X	X		X		
4	603000 608000	7307000 7308500			X								X	X		X		
5	608000 610000	7317000 7313000			X								X	X				X
6	607000 610000	7300000 7299000			X								X	X		X		
7	615000 618000	7304000 7308000			X								X	X		X		
8	615000 619000	7321500 7319500			X								X	X			X	
9	621000 623000	7298800 7296500	X							X							X	
10	617000 623000 628000	7298500 7298500 7308000	X					X		X		X						X
11	629000 631000	7308500 7309500							X				X	X		X		
12	632000 636000	7299000 7296500			X								X	X				X
13	590000 591500	7283500 7281000	X							X						X		
14	597500 598500	7279500 7282500	X							X						X		
15	603000 605500	7277000 7275000	X							X						X		
16	609000 609000	7288500 7285000	X							X							X	
17	610500 613500	7299500 7289200			X								X	X		X		
18	596000 598000	7297000 7295500			X								X	X			X	
19	598000 601000	7297000 7296000			X								X	X		X		
20	622000 623200	7277500 7274000	X							X						X		
21	631000 631000	7278500 7276500			X								X	X		X		
22	547000 551000	7265000 7258000	X	X						X		X	X					X
23	552000 552500	7263000 7261500	X							X						X		
24	553000 557000	7248000 7246000	X							X						X		
25	567500 569000	7246500 7243000	X							X						X		
26	567000 569500	7259000 7256500	X							X						X		
27	584500 585000 588000	7250500 7245000 7238000	X	X						X		X	X					X
28	582500 584000	7262500 7252500	X	X						X		X	X					X
29	581500 585500	7263500 7268000	X	X						X		X	X					X
30	594000 592500 597000 597500	7272000 7268500 7265000 7259500	X	X						X		X	X					X
31	598000 599500	7265000 7260500	X							X						X		
32	601500 601500	7263500 7259500	X							X						X		
33	594500 598500	7256500 7255000	X	X						X		X	X				X	
34	593000 597500	7258000 7250500	X							X						X		
35	605000 607000	7248000 7241000	X	X						X		X	X					X

NTS 56G			ZONE 15W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY				DEPOS. SIZE				
	EASTING	NORTHING	Esler	Kame	Outwash	IC 5520001	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Beach	Small	Medium	Large
36	602000 604000	7254000 7251500	X								X							X
37	606000 608500	7253500 7253500	X								X					X		
38	621500 623000	7267000 7265000	X								X					X		
39	615000 618500	7261000 7254900	X	X							X		X	X				X
40	621500 621300	7261000 7260000	X								X					X		
41	615500 617500	7253000 7252500	X								X					X		
42	621000 625500	7252000 7249900	X								X							X
43	617800 618000	7243500 7243000	X								X					X		
44	630500 630500	7245500 7242500	X								X					X		
45	634000 638500	7255300 7253300	X	X							X		X	X				X
46	635000 635300	7262000 7260000	X	X							X		X	X		X		
47	658500 661500	7239000 7239300	X	X							X		X	X				X
48	652000 655000	7227500 7226300	X								X					X		
49	647000 649000	7225500 7226000	X								X					X		
50	654500 663000	7214000 7210000	X	X							X		X	X		X		
51	669000 672000	7229300 7227500	X								X							X
52	668500 670000	7221000 7219000	X	X							X		X	X		X		
53	674000 675500	7218300 7216000	X								X					X		
54	681000 684000	7235000 7231000	X								X							X
55	689000 692000	7236000 7230000	X								X							X
56	698200 697500	7239500 7236000		X									X	X		X		
57	698000 699000	7233000 7229500	X	X							X		X	X		X		
58	600000 603000	7220500 7226000	X								X							X
59	686500 688500	7217000 7212000	X	X							X		X	X				X
60	698000 602000	7213000 7218000	X	X							X		X	X				X
61	605000 608000	7222000 7221500		X											X		X	
62	602000 604000	7232000 7231000		X											X		X	
63	605000 607000	7239000 7237000		X											X		X	
64	619500 619500	7225000 7222000		X											X			X
65	619000 622000	7229000 7226500		X											X			X
66	624500 628000	7227000 7226800	X								X							X
67	628000 629000	7236000 7234000		X										X	X		X	
68	638000 641500	7219000 7218500	X								X					X		





Refer to
this map as:
56H
EDITION 2 ASE
SERIES A 501

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 16

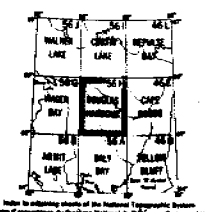
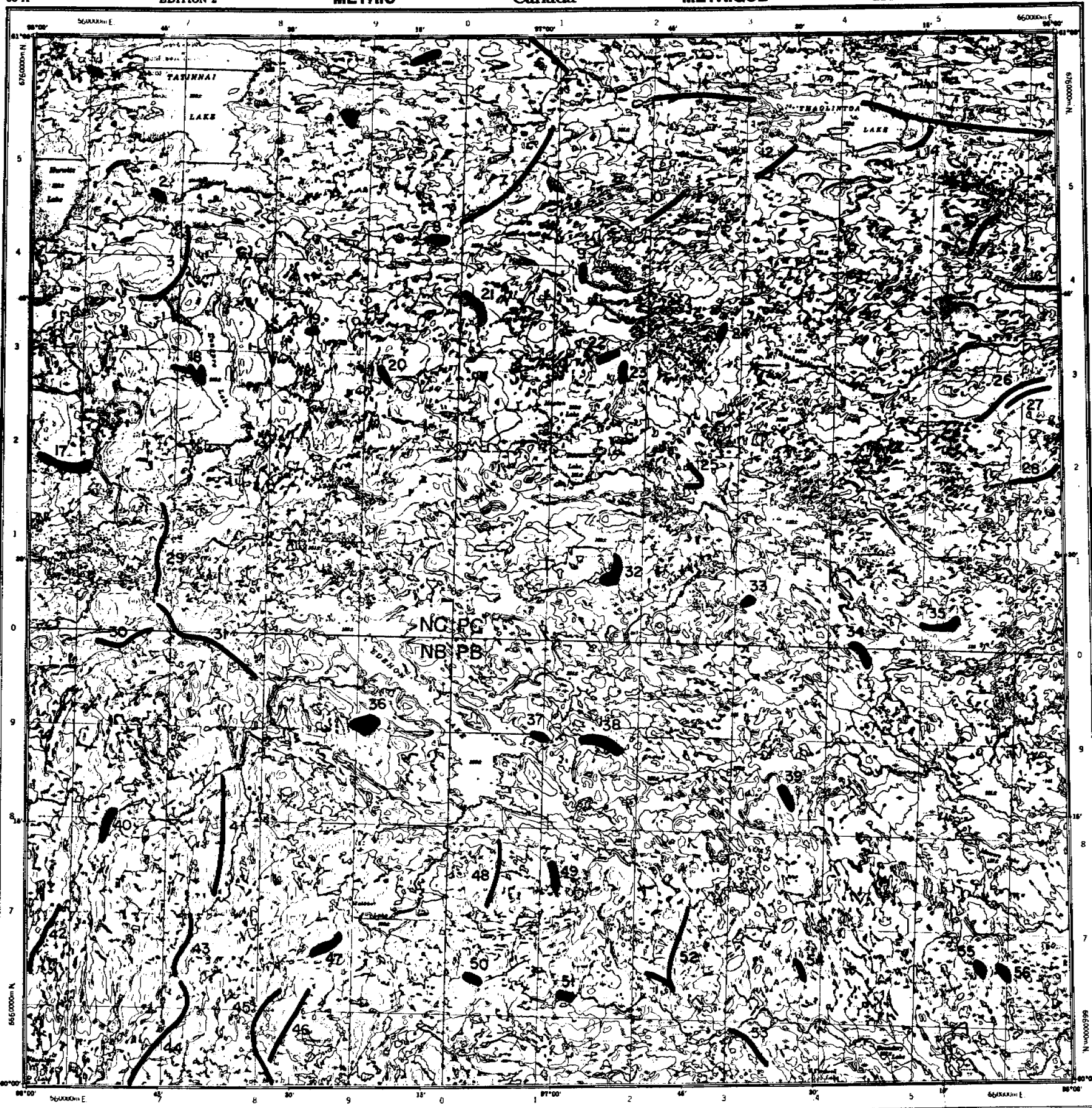


TABLE 16
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 56H			ZONE 16W															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY				DEPOSIT SIZE	
	EASTING	NORTHING	Esker	Kame	Outwash	Ice Drift	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
1	380000 384000	7315000 7311000							X				X	X				X
2	384500 386000	7312500 7311000							X				X	X				X
3	388000 389500	7310000 7308500							X				X	X				X
4	363000 364000	7298000 7298500		X					X				X	X			X	
5	363500 363500	7284000 7281500		X									X	X			X	
6	389500 372000	7282200 7281500	X							X							X	
7	383000 368500	7283500 7284500	X							X							X	
8	369000 370500	7284500 7285500		X									X	X			X	
9	368000 367000	7247000 7248500		X									X	X				X
10	387000 368500	7244500 7244000		X									X	X				X
11	388000 387500	7253000 7254000		X									X	X				X
12	384000 384200	7246000 7244200	X							X							X	
13	389000 390000	7244500 7244500	X							X							X	
14	409000 411000	7245500 7243000							X				X	X				X
15	364500 365500	7230500 7228500	X							X							X	
16	368000 367000	7225500 7224000	X							X							X	
17	369000 371000	7223500 7222500	X							X							X	
18	373500 378000	7222000 7222500	X							X								X
19	375000 378000	7231500 7225000	X							X								X
20	383500 388500	7232500 7229000	X							X								X
21	391000 393000	7226500 7227500	X						X	X	X	X	X	X				X
22	388000 382000	7222500 7219500	X							X							X	
23	382500 387000	7219500 7216000	X							X								X
24	383000 384500	7216500 7215500	X							X							X	
25	388500 381000	7217000 7213500	X							X							X	
26	388500 390500	7215200 7214800	X							X							X	
27	388500 389000	7212500 7211000		X									X	X			X	
28	392500 396000	7213500 7210500	X							X							X	
29	397000 399500	7221000 7219500		X									X	X			X	
30	401500 404000	7214000 7215500		X									X	X			X	
31	400000 404500	7235500 7232000	X							X							X	
32	401500 402000	7229000 7226000	X							X							X	
33	405000 407000	7226500 7223500	X							X							X	
34	403000 404000 407000	7224500 7220500 7217500	X	X						X			X	X				X
35	412000 413000	7212500 7210000	X							X							X	
36	413200 413500	7238000 7235500	X							X							X	
37	414500 415500	7233000 7229500	X							X							X	
38	419500 420000 420500	7234500 7230000 7226500	X							X								X
39	422000 422500 424500	7222500 7218000 7214500	X							X								X
40	426000 428500	7213500 7210500	X							X								X
41	430000 431500	7215000 7212500	X							X								X
42	434500 435500	7217000 7212500	X							X							X	



EDEHON LAKE

DISTRICT OF KENWATIN DISTRICT DE KENWATIN
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST

Scale 1:250 000 Echelle

CONVERSION SCALE FOR ELEVATIONS

Echelle de conversion des altitudes

TABLE 17
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65A			ZONE 14V															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM										SURFACE TOPOGRAPHY			DEPOSIT SIZE		
	EASTING	NORTHING	Enter	Kame	Outwash	Wash	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
1	560000 561000	6739500 6739000			X								X	X		X		
2	567000 568000	6746500 6746000			X								X	X		X		
3	567000 570000 570500	6735500 6738000 6743000	X		X						X		X	X				X
4	567000 568000	6736000 6754500			X								X	X				X
5	564500 566500	6781500 6782500			X								X	X				X
6	607000 610000	6764000 6781500	X	X	X						X	X	X	X			X	
7	600300 605000 609000	6744500 6747500 6753500	X	X	X						X	X	X	X				X
8	597000 598000	6742000 6742000			X								X	X				X
9	610000 613000	6739000 6740000			X								X	X		X		
10	620000 623000	6745000 6747500			X								X	X		X		
11	621000 623000 630000	6758500 6758500 6758500																X
12	631500 635000	6750000 6753000	X		X							X	X	X			X	
13	643000 653000 662000	6756000 6756000 6755500	X	X	X						X	X	X	X				X
14	647000 649500	6753500 6755500	X	X	X						X	X	X	X			X	
15	654000 656000	6743000 6746000	X		X						X		X	X		X		
16	659000 663000	6739000 6739000	X	X					X		X	X						
17	556000 560500	6718000 6717500			X								X	X				X
18	570000 572500	6728000 6727500			X								X	X				X
19	583500 594500	6732500 6732500			X								X	X		X		
20	591500 592500	6728500 6727500			X								X	X		X		
21	600500 602000	6736500 6734000			X								X	X				X
22	615000 616500	6730000 6730500			X								X	X		X		
23	617300 617300	6728000 6729500			X								X	X		X		
24	627500 628000	6755000 6734000			X								X	X		X		
25	625500 625000	6716500 6718500			X								X	X		X		
26	656000 661000	6725500 6729000							X				X	X				X
27	659000 662000	6727000 6726500							X				X	X				X
28	660000 663500	6718500 6719500	X	X							X	X						X
29	569000 568500	6713000 6705000	X	X	X						X	X	X	X				X
30	563000 567000	6698500 6700000	X		X						X		X	X				X
31	569000 573000 576500	6702500 6699500 6696000	X	X	X						X	X	X	X				X
32	616000 617000	6706300 6708500			X								X	X				X
33	631000 631500	6704500 6703000			X								X	X		X		
34	642500 644000	6700000 6699000							X				X	X				X
35	650500 653000	6702500 6703000	X						X	X	X		X	X				X

NTS 65A			ZONE 14V															
PROSPECT	UTM GRID		GEOLOGIC LANDFORM							SURFACE TOPOGRAPHY					DEPOSIT SIZE			
	EASTING	NORTHING	Esker	Kame	Outwash	Ice-marginal deposit	Terrace	Delta	Beach	Talus	Ridge	Hill	Plain	Slope	Bench	Small	Medium	Large
36	590000 591500	6691000 6691000			X								X	X			X	
37	608000 610000	6690000 6690000			X								X	X		X		
38	614500 617000	6689500 6689000			X								X	X			X	
39	635500 636500	6684500 6683500			X								X	X		X		
40	564000 565500	6681000 6678500			X								X	X			X	
41	578000 578000 578500	6684000 6679000 6673000																
42	558500 558000	6670000 6663000			X	X	X					X	X	X	X			X
43	572500 571000	6669500 6664000			X	X	X					X	X	X	X			X
44	567000 570000 572000	6653000 6657000 6662000			X	X	X					X	X	X	X			X
45	582000 579500 581500	6662000 6658000 6653000			X	X	X					X	X	X	X			X
46	585000 582000	6661500 6656000			X	X	X					X	X	X	X			X
47	589000 588500	6660500 6657500			X	X	X					X	X	X	X			X
48	605500 604500	6678000 6672500			X							X						X
49	611500 611500	6676000 6674000			X	X						X	X	X		X		
50	602000 603500	6664000 6663500			X							X	X			X		
51	612000 614000	6662500 6662500			X								X	X			X	
52	625500 624000 622000	6672000 6664000 6663000			X	X	X					X	X	X				X
53	631000 634000	6659000 6656000			X							X		X	X			X
54	637500 638000	6665500 6665000			X								X	X				
55	657000 657000	6667000 6666000								X			X	X		X		
56	659000 660000	6666500 6663500								X			X	X		X		

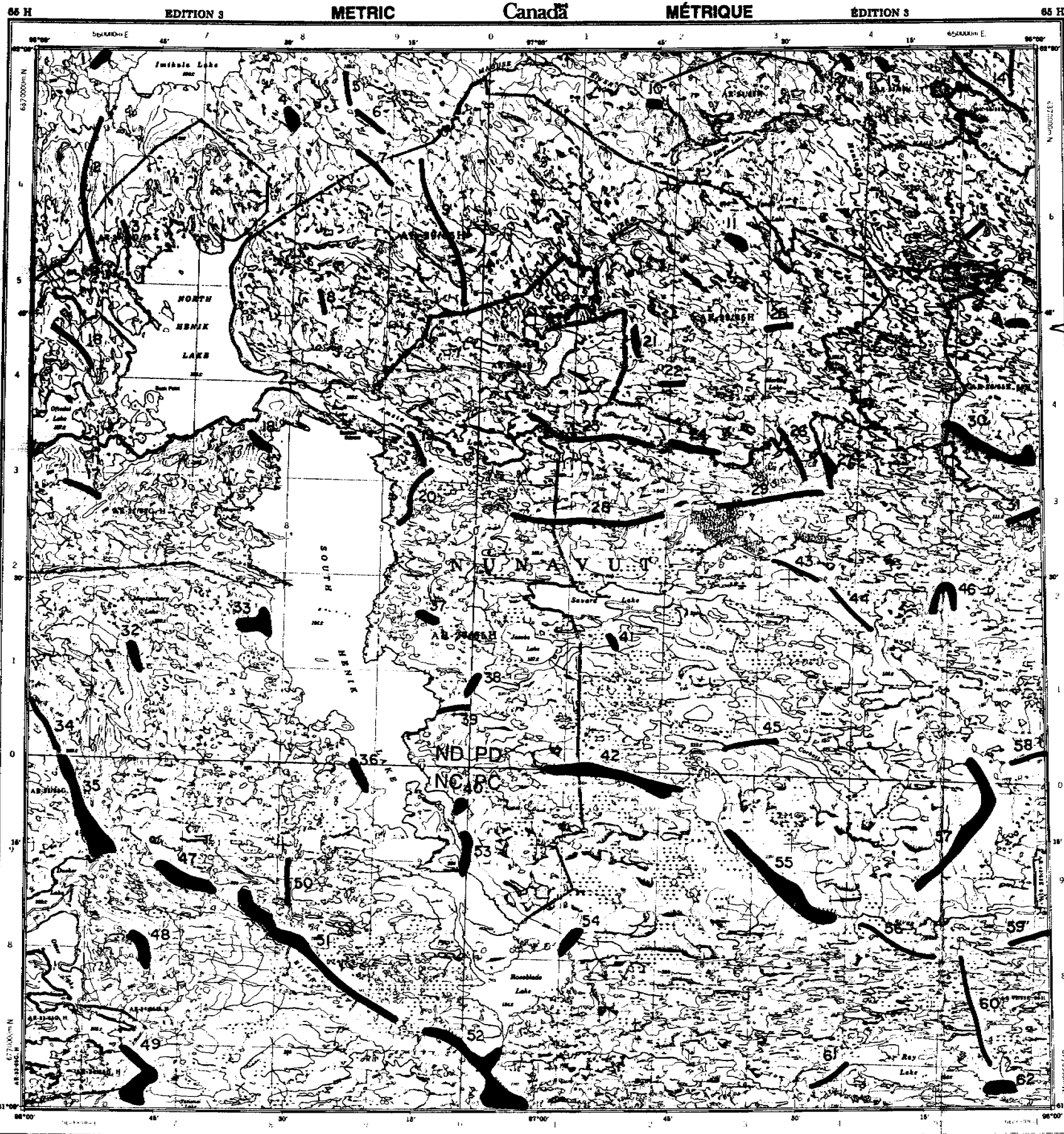


TABLE 18
SUMMARY OF SAND AND GRAVEL PROSPECTS

NTS 65H ZONE 14V											
PROSPECT	UTM GRID		GEOLOGIC LANDFORM					SURFACE TOPOGRAPHY			DEPOSIT SIZE
	EASTING	NORTHING	Esar	Kame	Outwash	Glacial drift	Delta	Bench	Ridge	Plain	
1	558000 559500	6873000 6874500		X					X	X	X
2	559000 557500 559000	6867000 6860000 6852500		X					X	X	X
3	562000 562500	6858000 6854000	X	X				X	X	X	X
4	579000 579500	6869000 6867000		X					X	X	X
5	563000 563000 563000	6873000 6870000 6867000	X						X		X
6	564500 564500	6868500 6867000	X						X		X
7	567000 569500	6864000 6861500		X					X	X	X
8	563000 563000 563000	6849500 6847500 6845000	X						X		X
9	593000 596000 598000	6863500 6856000 6849000	X						X		X
10	648500 617500	6870500 6870500					X		X	X	X
11	625500 627000	6856500 6856000					X		X	X	X
12	636500 637500	6876000 6875000					X		X	X	X
13	641000 641500	6878000 6875000					X		X	X	X
14	699000 656000	6876500 6871000	X					X			X
15	650500 652000	6857500 6859000					X		X	X	X
16	555000 558000	6845200 6841500		X					X	X	X
17	557000 560000	6829000 6828000		X					X	X	X
18	576000 578000	6834500 6833500		X					X	X	X
19	593000 594000	6835000 6832000	X					X			X
20	592000 593000 593000	6825500 6829000 6831000	X	X				X	X	X	X
21	616000 616000	6847000 6844500	X	X				X	X	X	X
22	619000 621000	6841000 6840000					X		X	X	X
23	608000 611000 618000	6837000 6835000 6834500	X	X	X				X	X	X
24	620500 625000	6834500 6834000	X	X	X				X	X	X
25	630000 632000	6847200 6847500					X		X	X	X
26	632000 634000	6836000 6832000	X	X					X	X	X
27	636500 637000	6834000 6831000	X	X					X	X	X
28	604000 613000 619000	6827000 6826500 6827000	X	X					X	X	X
29	626000 635000	6828500 6830000	X	X					X	X	X
30	650000 658000	6837500 6835000					X		X	X	X
31	656000 659000	6828000 6829000	X	X					X	X	X
32	564000 565000	6812000 6809500		X					X	X	X
33	575500 578000	6814500 6814500		X					X	X	X
34	554000 558000	6805000 6802000	X	X					X	X	X
35	557500 561000	6799000 6791000	X	X	X				X	X	X
36	588000 589000	6800000 6798000	X						X	X	X

NTS 65H ZONE 14V											
PROSPECT	UTM GRID		GEOLOGIC LANDFORM					SURFACE TOPOGRAPHY			DEPOSIT SIZE
	EASTING	NORTHING	Esar	Kame	Outwash	Glacial drift	Delta	Bench	Ridge	Plain	
37	594000 596000	6816000 6815500		X						X	X
38	599500 600500	6808000 6809500	X						X		X
39	597000 599500	6808000 6806200	X	X					X	X	X
40	599000 599000	6796500 6795000	X	X					X	X	X
41	614500 615000	6814500 6813500		X					X	X	X
42	609000 615000 621000	6800000 6800000 6798500	X	X					X	X	X
43	632000 635000	6823000 6821000					X		X	X	X
44	638000 641000	6819500 6816500					X		X	X	X
45	627000 632000	6803000 6803500	X	X					X	X	X
46	648000 649500 650500	6818000 6820500 6818500					X		X	X	X
47	568000 573000	6789000 6787000	X	X					X	X	X
48	565000 568500	6781500 6778500		X					X	X	X
49	564500 567000 565000	6789500 6787000 6784000	X	X					X	X	X
50	581000 581000	6789500 6783500	X						X		X
51	576500 581000 588000 592000	6786000 6781500 6776000 6773500	X	X					X	X	X
52	597000 602000 606000	6772000 6769000 6765000	X	X					X	X	X
53	600000 600000	6793000 6789000	X	X					X	X	X
54	610500 612000	6781000 6783000		X					X	X	X
55	628000 633000 638000	6793500 6789000 6785000	X	X					X	X	X
56	642000 649000	6784500 6781500	X	X					X	X	X
57	648000 653000 653000	6789500 6795000 6802000	X						X	X	X
58	657000 660500	6802500 6803500					X		X	X	X
59	658000 661000	6783200 6784000					X		X	X	X
60	652000 653000 655000	6781500 6777000 6771000	X						X		X
61	637000 640000	6768000 6770000		X					X	X	X
62	655500 658000	6768000 6766000	X	X					X	X	X