MRD Open File Report 78/3



MINERAL RESOURCES DIVISION

INTRODUCTION TO THE "INDEX TO CLAIMS ASSESSMENT REPORTS"

By H. Ambach 1978

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INTRODUCTION

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TO THE

"INDEX TO CLAIMS ASSESSMENT REPORTS"

MRD OPEN FILE REPORT 78/3

Manitoba Department of Mines, Resources and Environmental Management

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A. Definition of CLASS Computer File

FIGURES

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INTRODUCTION

The objective of this report is to describe the format, contents and use of the computerized "Index to Claims Assessment Reports". The Index consists of 3 cross-indexes and a general index to more than 2100 open file claims assessment reports, and is designed to simplify access to these reports by users in industry and government.

Background

The assembling of information contained in more than 3200 open and confidential claims assessment reports into a computer-based information system was started in 1975 under the Federal-Provincial Non-Renewable Resource Evaluation Program (NREP) (Ambach, 1976, 1977). The information thus obtained, is stored within the CLASS (Claims Assessment) computer file. Definition of this file is presented in Appendix A.

The assessment reports are contained in a file maintained by the Manitoba Mineral Resources Division, as the repository for all reports of exploration activity submitted to the Department. This file has grown steadily over the years (Fig. 1) with most of the work concentrated in certain parts of the Province (Fig. 2). At present these reports are classified as either "open" or "confidential", depending upon whether the mineral dispositions on which the work was done have lapsed or are in good standing, respectively.

The "Index to Claims Assessment Reports" lists only the 2100 "open" claims assessment reports. The content of the index has been modelled after the previous, manually compiled lists of (cancelled) claims assessment reports, published by the Department up to December, 1977.

Acknowledgements

Thanks are extended to the following people; Carole Iverson and Cynthia Nahnybida, who spent months initially organizing the Claims Assessment File into a logical sequence, and who summarized and coded seventy-five percent of the reports in the File; Andrea Waywanko, Jeff McLean, Steve Mailath and Sheila Keast for summarizing and coding a significant number of the reports; Sheila Ennis who completed the coding of the backlog of reports; Ted Nelson for assisting with the writing of computer programs that make up the Claims Assessment File computer system; Jim Bamburak, who provided encouragement during the development of the computer file and who has edited this report; and Debbie Navitka and Judy Elston for typing the report.



Figure 1. REPORTS OF WORK SUBMITTED (TO YEAR ENDING DECEMBER, 1977)



Figure 2. Assessment report density in the Province of Manitoba.

INDEX FORMAT

In order to facilitate the identification and location of reports of interest; the Index is divided into four sections: three indexes based on i) NTS area; ii) Property holder; and iii) Property name; and one section containing summaries of the Reports.

Sub-Indexes

Each of the three sub-indexes contains a listing of Claims Assessment File accession numbers identifying the reports according to i) MTS area (Fig. 3); ii) Company name (Fig. 4); and iii) Property name (Fig. 5). The five-digit accession numbers shown in these three indexes have been extended to indicate the broad categories of work which have been presented within the report. This extension has been achieved by appending an "indicator" digit to the accession number. Corresponding types of work for each of these digits are as follows:

Indicator digit	Class of work performed
1	Geophysics
2	Surface work
3	Geophysics plus surface work
4	Diamond drilling
5	Geophysics plus diamond drilling
6	Surface work plus diamond drilling
7	Geophysics, surface work and diamond drilling

Summary of Work

This section of the Index contains brief summaries of the contents of the reports, in order of Claims Assessment File accession number (Fig. 6). Data included are NTS area, Property holder, Property name, and the type, extent and date of the work performed.

It should be noted that NTS area, Property holder and Property name occur only once for each report in this section, although a report may contain information on an area larger than the NTS area listed, over more claims than the one listed, or may be held by more than the one holder listed. The decision to limit these entries to the one occurrence, for this section, was made to reduce the amount of data which would result from including the multiple entries. The second and subsequent values for each of these three items are included in the relevant sub-indexes.

EXPLORATION ACTIVITY REPORTS

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INDEX TO NTS AREA

PAGE 0001

NTS AREA	FILE NUMHERS
=======================================	***************************************
H at (1).	10000 A
52205	9000871
JELUO	9000871
52111	4000B/1
52612	90008/1
52613	90008/1
52L14	90008/1
22MU3	9000871
J2MU4	90008/1
DJEIINE	9000571
JJELINW	4000571
JJELISE	9000571
JJEIISW .	9000571
DJEIZNE	9000571
DJEIZNW	9000571
5361258	9000571
53E125W	9000571
DJEIJNE	9000471
DJELJNW	9000471
DJEIJSE	9000471
336135₩	9000471
JJEIANE	
DJEIANW	9000471
7361456 ···	9000471
DUELASW	
	20001/2 20004/1
DJEIDNW	
5351555	20001/0 20004/1
54514NW	2000471
2427284	
5 36103#	9000170
5460700	
5 160755	90007/1
546756	J0007/1
3 1KU9NE	90007/1
5 4K09NW	90007/1
5.3K095F	90007/1
5360958	90007/1
53K10NE	90007/1
5.3610NW	90007/1
5.JK105F	90007/1
53K105W	90007/1
5JL01NF	90005/1
5JL01N#	90005/1
5JL015F	90005/1
53L015W	90005/1
53L02NF	90004/1 90005/1
5JL02NW	90004/1 90005/1

Figure 3. NTS area sub-index.

EXPLORATION ACTIVITY REPORTS

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HOLDER INDEX

PAGE 0001

HULDER	FILE NUMBERS
***************************************	;=====================================

	ANDERSONAAAA	90162/4	
	HARTON. L.R.	90090/4	
	HUCK JOSEPH	90184/4	
	CAME SNOW LAKE MINES	90198/2	
	CANADIAN LONGYEAR	90004/1	
	CANADIAN NICKEL	90005/1 90008/1 90019/4 90062/4	
	CHIARDING ALCOLE	90104/4 90148/4 90149/4 90160/4	
		40163/3 00170/4 90171/4 90177/4	
		90178/4 90191/4 90192/3 90197/4	
		Unigu/3 00200/4	
	ABOTEE MINING	0072/3	
	CLEWELAND CANADIANS EXDI	4007273	
	CUMULAND CANADIAN EAPLE		
	COMBINED DEVELOPMENTS	A01205 A001815 A003815 A003814	
	CONSULIDATED MINING	7004676 9004776 0001171 0003076 8000776	
	CONVEST EXPLORATION	9001171 9002074 9009774	
	CROWN	9000176	
	CYPRUS EXPLORATION	9009374	
	DON MINERAL ENTERPRISE	90165/7	
	FALCONURINGE NICKEL MINES	2000011 2005313 2001012 2013512	
	FERGUSON.J.C.L.	90130/4	
	FILE LAKE EXPLORATION	90039/3	
	FOX+S.E.	90139/7	
	GHEAT ISLAND PROSPECTING	90180/6 90181/4	
	GREAT SEAL PROSPECTING	90185/4 90186/4	
	GREEN BAY EXPLORATION	90118/3 90150/3	
	GUNNEX	90144/3 90157/3	
	HANES.D.A.	90120/4	
	HUWE SOUND EXPLORATION	9001376	
	HUDSON RAY EXPL. & DEV.	90016/7 90017/3 90018/4 90021/3	
		90025/4 90026/4 90027/3 90028/4	
		90029/4 90030/4 90031/4 90032/4	
		90033/4 90034/3 90036/7 90037/3	
		90038/3 90041/3 90043/3 90044/3	
		90045/3 90048/3 90050/4 90053/4	
		90055/4 90058/7 90059/4 90060/4	
		90066/4 90067/7 90076/3 90077/4	
		90083/3 90085/4 90089/4 90100/4	
		90103/4 90107/3 90108/3 90119/3	
		90122/4 90124/3 90129/7 90133/4	
		90135/3 90136/4 90138/3 90140/3	
		90141/4 90142/3 90145/3 90146/4	
		90152/4 90153/3 90154/4 90155/4	
,		90164/3 90190/3 90193/4 90196/4	
	HUDSON BAY MINING	90056/4 90156/4 90193/3	
	ILON SYNDICATE	90009/1	
	INTERNATIONAL NICKEL	90015/4 90087/4 90114/4 90159/4	
	Boot Provide L T Claude - La T Augree	90179/4	

Figure 4. Holder sub-index.

EXPLORATION ACTIVITY REPORTS

78/10/05

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CLAIMS INDEX

PAGE 0001

CLAIM NAME	FILE NUMBERS
***********************	***************************************
A.O.	90157/3
AA	90182/4
AMISK	90012/4
ANT	90050/4
AP#020	90002/7
AP#021	90003/1
AP#022	90004/1
AP#023	90005/1
AP#024	90006/1
AP#025	90007/1
AP#026	9000871
AP#027	90009/1
AP#028	90010/1
AP#029	90011/1
ASTER	9013174
8.8.	90049/4
BAT	A0163\3 A01A0\2
BEAH	00068/6 90009/4 900/0/3
BEN	00021/6 90109/3 90021/6 90109/3
BERRY	
BEI	0013374 A004152
DIL	90153/3 90143/6 90194/3
BILL	0001312 9010310 9019412
	90019776
BLACK	9017774 90072277 9008673 9008876 9013676
505	
MUNJED	9001474
HUD	90135/3 90136/4
C . No	90071/7
CH1041	90175/3 90176/4
CH1046	90174/3
CB1047	90168/3
CH1333	90166/4
CB1406	90167/4
CH1409	90166/4
Cb1782	90166/4
CH1942	90172/3
C61944	90173/3
CCE	90035/3
CHURCHILL	9018076
CUN	90047/2
CUP	90118/3
CUPPER	90036/7 90084/4
CUR	90045/3
CHAN 2	90019/4
, D	90137/4
UAT	90091/3

Figure 5. Mineral disposition sub-index.

EXPLORATION ACTIVITY REPORTS Summary of Report Contents

PAGE 0001

90001 53E15%E CROWN PERMIT 2 GEOLHEM. 1976 GEOLOGY 90002 63002NE NEWMONT WINING COPP. APM020 A.KAGIO. 1958 8870 KM A.KAG. 90002 63002NE NEWMONT WINING COPP. APM020 A.KAGIO. 1958 8870 KM A.KAG. 90003 62P01NE LUNDBERG EXPLORATIONS APM021 A.KAG. 1958 356 KM A.EM. 1959 1532 KM A.EM. 1959 5102 KM A.EM.EM. 1950 500 500 500 KM A.EM.EM. </th <th>FILE</th> <th>.NTS</th> <th>PROPERTY HOLDER</th> <th>CLAIM NAME</th> <th>WORK DUNE</th> <th>UATE</th> <th>EXTENT</th>	FILE	.NTS	PROPERTY HOLDER	CLAIM NAME	WORK DUNE	UATE	EXTENT
90001 SELSHE CHOWN PERMIT 2 GEOLDER 1976 90002 63002NE NEWMONT MINING CORP. AP#020 A.HADIO. 1958 8870 KM 90002 63002NE NEWMONT MINING CORP. AP#020 A.HADIO. 1958 8870 KM 90003 62P01NE LUNDBERG EXPLORATIONS AP#021 A.HADIO. 1958 356 KM 90004 53E13NE CANADIAN LONGVEAR AP#022 A.MAG. 1959 5102 KM 90005 630UBNE FALCONBRIDGE NICKEL MINES AP#024 A.MAG. 1959 1358 KM 90006 63.UBNE FALCONBRIDGE NICKEL MINES AP#024 A.MAG. 1959 2245 KM 90007 53LIANE CANADIAN NICKEL AP#024 A.MAG. 1959 2245 KM 90008 54CL2 CANDIAN NICKEL AP#026 A.MAG. 1959 2245 KM 90009 53LIANE KENNCO EXPLORATIONS AP#027 A.MAG. 1959 2245 KM 90016 54NIANE KENNCO EXPLORATIONS AP#028 A.MAG. 1960 661 KM 90016 5ANIANE HAPENALO DIAMOND DRILLING EUCLID							
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A.EM. 1959 5102 KM 90005 63008NE CANADIAN NICKEL AP#023 A.MAG. 1959 1358 KM 90006 63008NE FALCONBRIDGE NICKEL MINES AP#024 A.MAG. 1959 1358 KM 90008 54C12 CANADIAN NICKEL AP#025 A.MAG. 1959 1358 KM 90008 54C12 CANADIAN NICKEL AP#026 A.HAG. 1950 1586 KM 90008 54C12 CANDIAN NICKEL AP#026 A.HAG. 1960 1668 KM 90010 54D05ME KENNCO EXPLORATIONS AP#028 A.MAG. 1960 1668 KM 90011 63K16ME HOMESOUND EXPLORATION AP#029 A.MAG. 1960 661 KM 90013 63K16ME HOMESOUND EXPLORATION HIRCH GEOLOGY 1955 579 M 90016 63K16ME IMBENDON RAY EXPL. NOV 5 DDH 1966 694 M <t< td=""><td>90004</td><td>53ELJNE</td><td>CANADIAN LONGYEAR</td><td>AP#022</td><td>A.MAG.</td><td>1959</td><td>5102 KM</td></t<>	90004	53ELJNE	CANADIAN LONGYEAR	AP#022	A.MAG.	1959	5102 KM
90006 630UME CANADIAN NICKEL AP#023 A.MAG. 1958 KM 90006 63JUSNE FALCONBRIDGE NICKEL MINES AP#025 A.MAG. 1959 1358 KM 90007 53KU7NE PHELPS DODGE COMP. A AP#025 A.MAG. 1959 2245 KM 90009 53LI*NE ICON SYNDICATE AP#026 A.EH. 1959 KM A.MAG. 1960 1668 KM A.MAG. 1960 1668 KM A.EH. 1960 167 1960 167 175 M 90011 63F16NE HAPSON.G. AMISK 5 DDH 1949 175 M 90013 63K16NE HOME SOUND EXPLORATION BIRCH GEUGOGY 1955 90016 63K16NE PAPMAC DIAMOND DRILLING EUCLID 1 DDH 1947 122 M 90016 63K16NE HUDSON BAY EXPL. & DEV. 0X HLEM 1951 113 KM 90016 63K16NE HUDSON BAY EXPL. & DEV. 0X HLEM 1951 113 KM 90016 63K165E HUDSON BAY EXPL. & DEV. 0X HLEM 1951 123 M 90019 63K165E CANADIAN NICKEL CRAN 2 1 DDH 1951 123 M 90019 63K165E CANADIAN NICKEL CRAN 2 1 DDH 1956 548 KM 90018 63K165E HUDSON BAY EXPL. & DEV. DIME HLEM 1956 112 KM 90022 63K165E FALCONBRIDGE NICKEL MINES EF HISSNS.MAG 1970 210 KM GEOLOGY 1972 90024 63K165E FALCONBRIDGE NICKEL MINES EF HISSNS.MAG 1970 210 KM 90026 63K165E HUDSON BAY EXPL. & DEV. JOANNIE 22 DDH 1956 112 KM 90026 63K165E HUDSON BAY EXPL. & DEV. JOANNIE 22 DDH 1956 112 KM 90026 63K165E HUDSON BAY EXPL. & DEV. JOANNIE 22 DDH 1956 120 KM GEOLOGY 1972 90027 63K165E HUDSON BAY EXPL. & DEV. JOANNIE 22 DDH 1956 452 M 90028 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 24 KM 90028 63K165E HUDSON BAY EXPL. & DEV. POT 9 DDH 1966 2125 M 90028 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. POT 4 DDH 1956 2155 M 90031 63K165E HUDSON BAY EXPL. & DEV. P					A.EM.	1959	5102 KM
90006 6JUSME FALCONBRIDGE NICKEL MINES AP#024 90007 SJKUTNE PHELPS DODGE CONP. AP#025 A.MAG. 1959 2245 KM 90008 SJLI*NE ICON SYNDICATE AP#027 A.HADIU. 1960 1668 KM A.EM. 1950 1668 KM A.EM. 1960 664 KM 90013 63K16NE HAPSON+6. AMISK SODH 1955 579 M 90016 63K16NE INTEPNATIONAL NICKEL NOV 5 DDH 1966 694 M 13 DDH 1957 1466 M 90017 63K16NE HUDSON BAY EXPL. & DEV. 0X HLEM 13 DDH 1957 1466 KM 90016 63K16NE HUDSON BAY EXPL. & DEV. HAM HLEM 1956 548 KM 90016 63K16NE HUDSON BAY EXPL. & DEV. HOMBER 4 DDH 1951 113 KM 90020 63K16SE CONWEST EXPLORATION DEE 2 4 DDH 1956 1123 M 90020 63K16SE HUDSON BAY EXPL. & DEV. DIME HLEM 90021 63K16SE NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM GRALMAG. 1958 7 KM GOUL 1956 786 M HI.SENS.MAG 1970 210 KM GEOLOGY 1972 90024 63K16SE HUDSON BAY EXPL. & DEV. JOANNIE 22 DDH 1956 452 M 90027 63K16SE HUDSON BAY EXPL. & DEV. OTTER 4 DDH 1956 452 M 90027 63K16SE HUDSON BAY EXPL. & DEV. POT 9 DDH 1966 125 KM 90028 63K16SE HUDSON BAY EXPL. & DEV. POT 9 DDH 1966 2125 M 90030 63K16SE HUDSON BAY EXPL. & DEV. POT 25 DDH 1956 24 KM 90031 63K16SE HUDSON BAY EXPL. & DEV. POT 25 DDH 1956 3160 M 90031 63K16SE HUDSON BAY EXPL. & DEV. POT 25 DDH 1956 3160 M 90031 63K16SE HUDSON BAY EXPL. & DEV. POT 25 DDH 1956 940 M 90031 63K16SE HUDSON BAY EXPL. & DEV. P	90005	630UBNE	CANADIAN NICKEL	4P#023	A.MAG.	1958	KM
90007 53KUTNE PHELPS DODGE COHP. AP#025 A.MAG. 1959 2245 KM 90008 54C12 CANADIAN NICKEL AP#026 A.EM. 1959 KM 90009 53L1*NE ICON SYNDICATE AP#027 A.MAG. 1960 1668 KM A.MAG. 1960 1668 KM A.MAG. 1960 1668 KM A.MAG. 1960 1668 KM A.MAG. 1960 2049 KM 90010 54D05NE KENNCO EXPLORATIONS AP#029 A.MAG. 1960 2049 KM 90011 63P12NE CONNEST EXPLOPATION AP#029 A.MAG. 1960 2049 KM 90012 63K16NE HOVE SOUND EXPLORATION AP#029 A.MAG. 1960 1668 KM 90013 63K16NE HOVE SOUND EXPLORATION AP#029 A.MAG. 1960 1668 KM 90013 63K16NE HOVE SOUND EXPLORATION AP#029 A.MAG. 1960 1668 KM 90016 63K16NE HOVE SOUND EXPLORATION BIRCH GEUCLOGY 1955 90016 63K16NE HOVE SOUND DRILLING EUCLID 1 DOH 1947 122 M 90016 63K16NE HUDSON BAY EXPL. & DEV. 0X HLEM 1956 579 M 13 00H 1957 1466 M 90016 63K16NE HUDSON RAY EXPL. & DEV. 0X HLEM 1956 548 KM 90016 63K16SE CANDIAN NICKEL NOV 5 DDH 1966 694 M 90016 63K16SE CANDIAN NICKEL CRAN 2 1 00H 1957 736 M 90019 63K16SE CANDIAN NICKEL CRAN 2 1 00H 1957 736 M 90020 63K16SE CONWEST EXPLORATION DEE 2 4 DDH 1956 1123 M 90021 63K16SE NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM CONV.MAG. 1958 7 KM 90022 63K16SE NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM 90022 63K16SE HUDSON RAY EXPL. & DEV. DIME HLEM 1956 112 KM 90022 63K16SE HUDSON RAY EXPL. & DEV. DIME HLEM 1956 120 KM 6 DDH 1956 746 M 90022 63K16SE HUDSON RAY EXPL. & DEV. OTTER 4 DDH 1957 120 KM 90026 63K16SE HUDSON RAY EXPL. & DEV. OTTER 4 DDH 1956 4473 M 90027 63K16SE HUDSON RAY EXPL. & DEV. OX HLEM 1956 22 KM 90028 63K16SE HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 1225 M 90028 63K16SE HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 1255 M 90031 63K16SE HUDSON RAY EXPL. & DEV. POT 5 SUDH 1956 940 M 90031 63K16SE HUDSON RAY EXPL. & DEV. POT 5 DDH 1956 1400 M 90031 63K16SE HUDSON RAY EXPL. & DEV. POT 5 DDH 1956 1400 M	90006	63JU5NE	FALCONBRIDGE NICKEL MINES	450#4A	A.MAG.	1959	1358 KM
90008 54C12 CANADIAN NICKEL AP#026 A.LM. 1959 KM 90009 53L1+NE ICON SYNDICATE AP#027 A.KADIO. 1960 1668 KM A.KADIO. 1960 1668 KM A.KADIO. 1960 1668 KM A.KAG. 1960 1668 KM 90012 63K16NE KENNCO EXPLORATION AP#029 A.MAG. 1960 661 KM 90013 63K16NE HOWE SOUND EXPLORATION BIRCH BOLOGY 1955 90014 63K16NE HOWE SOUND EXPLORATION BIRCH BOLOGY 1955 90015 63K16NE HUDSON BAY EXPL. & DEV. 0X HLEM 1951 113 KM 90016 63K16NE HUDSON RAY EXPL. & DEV. 0X HLEM 1951 113 KM 90016 63K16NE HUDSON RAY EXPL. & DEV. HOMBER 4 DDH 1957 736 M 90019 63K165E CONMEST EXPLORATION DEE 2 1 DDH 1951 123 M 90020 63K165E CONMEST EXPLORATION DEE 2 4 DDH 1951 123 M 90022 63K165E CONMEST EXPLORATION DEE 2 4 DDH 1951 123 M 90022 63K165E NORTHERN CANADA HINES DE CONV.MAG. 1958 7 KM CONV.MAG. 1958 7 KM HLEM 1956 112 KM 90024 63K165E FALCONBRIDGE NICKEL MINES EF HLSKNS.MAG 1970 210 KM GEOLOGY 1972 90024 63K165E FALCONBRIDGE NICKEL MINES EF HLSKNS.MAG 1970 210 KM GEOLOGY 1972 90024 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 120 KM 90026 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 120 KM 90026 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 120 KM 90027 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 4473 M 90027 63K165E HUDSON RAY EXPL. & DEV. OTTER 4 DDH 1956 120 KM 90028 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 726 KM 90028 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 725 MO 90030 63K165E HUDSON RAY EXPL. & DEV. POT 55 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M	90007	53KU7NE	PHELPS DODGE CORP.	AP#025	A.MAG.	1959	2245 KM
90009 53L1*NE ICON SYNDICATE AP#027 A.HADIO. 1960 1688 KM A.MAG. 1960 2696 KM A.MAG. 1960 2696 KM A.MAG. 1960 2698 KM 90013 63K16NE HOPSON.G. AMISK 5 DDH 1949 175 M 90016 63K16NE HOPSON BAY EXPL. & DEV. 0X HLEM 1951 113 KM 13 0DH 1957 736 M 90016 63K16NE HUDSON BAY EXPL. & DEV. HAM HLEM 1956 548 KM 90016 63K165E HUDSON BAY EXPL. & DEV. HAM 90016 63K165E CONMEST EXPLORATION DEE 2 4 DDH 1957 736 M 90020 63K165E CONMEST EXPLORATION DEE 2 4 DDH 1957 736 M 90022 63K165E NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM HLEM 1956 112 KM 90022 63K165E FALCONBRIDGE NICKEL MINES EF HI.SENS.MAG 1970 210 KM 6 DDH 1956 786 M 90026 63K165E FALCONBRIDGE NICKEL MINES EF HI.SENS.MAG 1970 210 KM 60DGY 1972 90026 63K165E FALCONBRIDGE NICKEL MINES EF HI.SENS.MAG 1970 210 KM 90027 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 188 KM 90026 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 186 KM 90027 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1957 4473 M 90026 63K165E HUDSON RAY EXPL. & DEV. UX HLEM 1956 24 KM 90027 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1960 2125 M 90028 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1960 2125 M 90030 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1960 715 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1956 940 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 25 DDH 1955 3800 M	90008	54012	CANADIAN NICKEL	AP#026	A.EM.	1959	KM
A.MAG. 1960 1668 KM A.EM. 1960 1688 KM A.EM. 1960 1688 KM 40011 63P12NE CONWEST EXPLORATION AP#029 A.MAG. 1960 661 KM 90012 63K16NE HAPSON.G. AMISK 5 DDH 1949 175 M 90013 63K16NE HOWE SOUND EXPLORATION BIRCH GEOLOGY 1955 90016 63K16NE HOWE SOUND EXPLORATION BIRCH GEOLOGY 1955 90016 63K16NE HOWE SOUND DRILLING EUCID 1 DDH 1947 122 M 90016 63K16NE HUDSON BAY EXPL. & DEV. UX HLEM 1956 548 KM 90017 63K16NE HUDSON BAY EXPL. & DEV. UX HLEM 1951 113 KM 90018 63K165E HUDSON RAY EXPL. & DEV. HAM HLEM 1956 548 KM 90019 63K165E CANADIAN NICKEL CRAN 2 1 DDH 1957 746 M 90020 63K165E CONWEST EXPLORATION DEE 2 4 DDH 1951 123 M 90020 63K165E NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM 90022 63K165E FALCONBRIDGE NICKEL MINES EF HI-SENS.MAG 1970 210 KM 90023 63K165E FALCONBRIDGE NICKEL MINES EF HI-SENS.MAG 1970 210 KM 90026 63K165E SELCO EXPLORATION JAC HLEM 1956 18 KM 90026 63K165E SELCO EXPLORATION JAC HLEM 1956 18 KM 90027 63K165E FALCONBRIDGE NICKEL MINES EF HI-SENS.MAG 1970 210 KM 90026 63K165E FALCONBRIDGE NICKEL MINES EF HI-SENS.MAG 1970 210 KM 90027 63K165E FALCONBRIDGE NICKEL MINES EF HI-SENS.MAG 1970 210 KM 90026 63K165E HUDSON RAY EXPL. & DEV. JOANNIE 22 DDH 1956 18 KM 90027 63K165E HUDSON RAY EXPL. & DEV. OTTER 4 DDH 1956 18 KM 90026 63K165E HUDSON RAY EXPL. & DEV. OTTER 4 DDH 1956 24 KM 90027 63K165E HUDSON RAY EXPL. & DEV. OTT 9 DDH 1966 746 M 90027 63K165E HUDSON RAY EXPL. & DEV. PEN 15 DDH 1966 140 5M 90027 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 745 M 90027 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 745 M 90026 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 940 M 90030 63K165E HUDSON RAY EXPL. & DEV. POT 9 DDH 1966 745 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 55 DDH 1956 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 55 DDH 1956 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 55 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 55 DDH 1955 3800 M 90031 63K165E HUDSON RAY EXPL. & DEV. POT 55 DDH 1955 3800 M	90009	53L1+NE	ICON SYNDICATE	AP#027	A.HADIO.	1960	1688 KM
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90010 54003NE KENNCO EXPLORATIONS AP#028 A.MAG. 1960 2949 KM 90011 63P12NE CONWEST EXPLORATION AP#029 A.MAG. 1960 661 KM 90012 63K16NE HAPSON.6. AMISK 5 DDH 1949 175 M 90013 63K16NE HOWE SOUND EXPLORATION HIRCH GEOLOGY 1955 90014 63K16NE PAPMAC DIAMOND DRILLING EUCLID 1 DDH 1947 122 M 90015 63K16NE INTERNATIONAL NICKEL NOV 5 DDH 1966 694 M 90016 63K16NE HUDSON BAY EXPL. & DEV. VX HLEM 1951 113 KM 90016 63K16NE HUDSON RAY EXPL. & DEV. HAM HLEM 1956 548 KM 90016 63K16NE HUDSON RAY EXPL. & DEV. HAM HLEM 1957 736 M 90016 63K16NE HUDSON RAY EXPL. & DEV. DIME HLEM 1956 112 KM 90021 63K16NE HUDSON RAY EXPL. & DEV. DIME HLEM 1956					A.EM.	1960	1688 KM
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90012 63K16NE HADBSON+G. AMISK 5 DDH 1949 175 M 90013 63K16NE HOWE SOUND EXPLORATION BIRCH GEOLOGY 1955 3 DDH 1955 579 M 90014 63K16NE HATERNATIONAL NICKEL NOV 5 DDH 1966 694 M 90015 63K16NE INTERNATIONAL NICKEL NOV 5 DDH 1956 548 KM 90016 63K16NE HUDSON BAY EXPL. & DEV. NAMISK 5 DDH 1957 1466 M 90016 63K16NE HUDSON BAY EXPL. & DEV. HAM HLEM 1957 736 M 90016 63K16NE HUDSON RAY EXPL. & DEV. HAM HLEM 1957 736 M 90016 63K16NE HUDSON RAY EXPL. & DEV. HAMBER 4 DDH 1957 736 M 90016 63K16NE HUDSON RAY EXPL. & DEV. HAMMER HLEM 1957 736 M 90016 63K16NE HUDSON RAY EXPL. & DEV. DIME HLEM 1956 112 KM 90021 63K16NE HUDSON RAY EXPL. & DEV. DIME HLEM	90011	63P12NE	CONWEST EXPLORATION	AP#029	A.MAG.	1960	661 KM
90013 63K16NE HOWE SDOND EXPLORATION BIRCH GEUCLGY 1955 90014 63K16NE HOWE SDOND DRILLING EUCLID 1 DDH 1947 122 M 90015 63K16NE INTERNATIONAL NICKEL NOV 5 DDH 1966 694 M 90016 63K16NE HUDSON BAY EXPL. 6 DEV. OX HLEM 1951 113 KM 90016 63K16NE HUDSON BAY EXPL. 6 DEV. OX HLEM 1956 548 KM 90016 63K16NE HUDSON BAY EXPL. 6 DEV. HAM HLEM 1956 548 KM 90016 63K16NE HUDSON RAY EXPL. 6 DEV. HOMBER 4 DDH 1957 736 M 90019 63K16NE CANADIAN NICKEL CRAN 2 1 DDH 1951 123 M 90020 63K16NE MUDSON RAY EXPL. 6 DEV. DIME HLEM 1956 12 KM 90022 63K16NE NORTHERN CANADA MINES DOE CONV.MAG. 1958 7 KM 90023 63K16NE FALCONBRIDGE NICKEL MINES EF HI.SENS.MAG 1970 210 KM 90024 63K16NE HUDSON RAY EXPL. 6 DEV. JOANNIE 22 DDH 1957 4473 M 90024 63K16NE HUDSON RAY EXPL. 6 DEV. OTTER 4 DDH 1956 18 KM 90024 63K16NE HUDSON RAY EXPL. 6 DEV. <	40015	6JKIONE	KAPSUN+G.	AMISK	5 000	1949	175 M
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Figure 6. Summary of Work.

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The type of work has been written in a shortened form without, in the case of geophysical surveys, listing the specific instrument. The extent of work is presented as line kilometres for geophysical surveys, and the number of holes plus the total distance (in metres) for drilling.

INDEX UTILIZATION

The Index has been designed to assist a user in selecting a report from the Claims Assessment File by any one or any combination of three separate parameters; i) on the basis of MTS area(s) in which work was performed; ii) on the basis of the company which held the ground; and iii) on the basis of the name of the mineral disposition on which the work was performed.

Reports Indexed by NTS Units

Part A of the Index (Fig. 3) lists the report accession numbers grouped according to NTS units. The three levels of notation (see Appendix A, Record Number 1, NTS Areas) as used within the Index, identify the relative areal extent of coverage. For example; surveys which cover large areas (airborne permits, exploration reservations, etc.) are usually listed under the primary block identifier (63K). Reports of surveys which cover smaller areas are listed under the secondary (63K13) or tertiary (63K13SW) block identifier (detailed ground geophysics, drilling, etc.).

A comprehensive search for reports within lower level MTS blocks should include a search through the higher levels. For example, if a user were interested in all work carried out over tertiary NTS block 63K13SW, the search would involve looking at those reports listed under 63K13 as well as 63K, since the implication is that a report in 63K13 should encompass all or portions of the four quadrants of that block.

Reports Indexed by Property Holder

In the past the Department has frequently received requests from users to direct them to reports of work performed by a specific company. Part B of the Index lists the accession numbers of the reports submitted by each of the companies which are or have been engaged in exploration within the Province (Fig. 4).

Reports Indexed by Property Name

Mineral dispositions have been named by the mining companies holding them, as an easy means of identification. Part C of the Index lists in alphabetic order the names of the mineral dispositions along with the corresponding report numbers (Fig. 5) and provides an opportunity to search for the work done on a particular mineral disposition.

INDEX UPDATES

The data file management system has been designed to produce supplementary "mini-indexes". These "mini-indexes", in the form of inserts to the main Index, are in the same format as the Index, but contain only references to reports which have become open or which have been modified since the previous updated Index was issued. These modifications may for example consist of changes to the data within the report which have been brought about by the addition of previously unrecorded information, or correction to some data item.

At the present time, it is intended to release these supplements on a yearly basis, in order that changes made during the previous calendar year can be incorporated. However, individual users may obtain more frequent updates by completing the "Request for Update" page in the Index, and returning it to the Department.

TAILORED RETRIEVALS

After examining the Index and comparing its contents with the overall file definition (APPENDIX A) it becomes obvious that more information is obtainable from the file than has been presented in the Index. The data file itself has many uses (one example of which is shown in Fig. 1); however, in producing the Index, only that information which is necessary to lead a user to reports of interest has been incorporated.

Another use of the file, which is somewhat more complicated than that shown by the Index, is the possibility of tailored retrievals, whereby users can request retrievals from the computer file based on some more complex data associations. These retrievals can be tailored to the individual user's requirements with output consisting of, for example, lists of reports which contain assays in a specific NTS area, or from samples obtained from a known property.

The file has been used in this fashion, within the Division, for a short period of time. For example, computer plots of the distribution and extent of geophysical methods, employed over the years, and separated into "geological" belts have been provided (Hosain, in preparation). This type of evaluation was not possible prior to the development of the computer file, short of dedicating several months to examining each report within the Claims Assessment File, and manually tabulating the results. Figures 1 and 2 of this report are further examples of variations in format which can be obtained. Figure 1 was obtained entirely by computer, with no manual interaction required. Figure 2, on the other hand, was obtained by requesting a table of the distribution of the reports, and then manually plotting the results.

REFERENCES

1977, NM 7503, Data Management and Computerization; <u>in</u> Non-Renewable Resource Evaluation Program, 2nd Annual Report 1976/77; <u>Man. Min. Res. Div.</u>; pp. 22-22.

HOSAIN, I. (in prep.), Exploration History Review - Geophysical Evaluation; Man. Min. Res. Div.

AMBACH, H.A., 1976, NM 7503, Data Management and Computerization; in Non-Renewable Resource Evaluation Program, First Annual Report 1975/76; Man. Min. Res. Div.; Open File Report 71/1 pp. 22-32.

APPENDIX A

DEFINITION OF CLASS COMPUTER FILE

The document shown in Fig. A1 was used to collect the information from the assessment reports. A summary discussion of the data fields is presented below. Each line of the document represents one computer record. Apart from the first record, each record can be repeated a number of times, once for each specific survey reported.

Record Number 1

The record specifies the proprietary information needed to identify the report.

- ACC'N NUMBER The accession number is the five digit number which has been assigned to each report contained in the CLAIMS ASSESSMENT FILE.
- NTS AREA Identifies the NTS area over which work has been performed. The NTS identifier comprises 3 distinct levels of resolution:
 - 1. The primary block corresponding to, for example, 63K
 - 2. The secondary numbered block corresponding to one of the 16 numbered blocks within the primary block giving, for example 63K14
 - 3. The tertiary block corresponding to one of the four quadrants of each of the secondary numbered blocks giving, for example 63K145W

This parameter is coded by selecting the largest block which had work performed over each of its components. Thus, a single drill hole would be located by 63K14SW; a geophysical grid might be located by 63K14, where the grid extends over each of the four quadrants; and a large airborne survey might be located by 63K, where the flight lines covered each of the four quadrants within each of the 16 numbered blocks within 63K. In many instances one report contains information over several discrete NTS areas, for example 63K14SW and 63K13SE. One of the two NTS areas would be coded in this field, with the remaining one being coded on record 7 (NTS areas).

- STAT Each report is classified according to its confidential or open status at the time of coding, depending upon whether the mineral dispositions are still in good standing. The Index contains only "open" claims assessment reports.
- GEOG. LOC. The locality of each survey or report is defined by including this four character code for some prominent topographic feature near or under the surveys carried out.

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Figure A1. Exploration and assessment report index document

HOLDER - The individual or company submitting Reports of work or holding the property. GROUP NAME - Each mineral disposition over which work has been performed is identified. In many

instances the name is a combination of some proper name (TOM, DICK, HARRY) and a sequence number. When work has been performed over, for example the 16 claims identified as TOM 1, TOM 2 . . . TOM 16, the notation applied is TOM 1-16. If the claim numbers are not in sequence (that is TOM 1, TOM 4, TOM 12) only "TOM 1" is coded in this field. The remaining names (TOM 4 and TOM 12) are coded on lines 8 through 12. The conventions for nomenclature are:

Claim blocks	85	CBnnnn
Airborne permits	85	AP#nnn
Reservation of Mineral Rights	85	RMR#nnn
Exploration Reservations	85	RES#nnn
fork performed under agreements	85	AGR#nnn

where nnn represents the specific number.

Due to space limitations on the record, names which are greater than 10 characters in length have been truncated to 9 characters with an asterisk (*) added to the end of the name. TOTAL COST - The total reported company expenditures involved in accumulating the information

presented within a report.

YEAR - The first year in which work discussed in the report had been performed.

- SUBMISSION DATE The calendar date on which the report reference had been first entered on the computer file, or on which the references to a report had been modified in some way (e.g. change of status, etc.).
- WORK TYPE(S) To facilitate rapid retrieval, provision has been made to indicate the broad categories of work which are reported. These fields can take on the values "GEOPHYSICS", "SURFACE" or "DRILLING".

Record Number 2

This record contains the general summaries of geophysical work performed. Line 2 of the document allows for 2 repetitions. Additional surveys would be entered in the free-format area below. One format for each survey is completed.

SURVEY TYPE - The specific geophysical survey is coded on the basis of airborne or ground, the general type of survey (EM, IP, MAG, etc.) and the specific type (horizontal loop,

vertical loop, etc.). The coding scheme is hierarchical allowing for selection of all similar survey reports (for example all ground EM) without identifying the instrument, etc.

CONTRACTOR - The name of the person or company conducting the survey. SURVEY COST - Where costs are given, they are noted for each survey. YEAR - The year in which the particular survey was completed. LINE SPACING - The distance, measured in metres, between grid lines. TOTAL DISTANCE - The total distance, measured in kilometres, covered by the survey. ELEVATION/STATION SPACING - The mean distance, measured in metres, above ground or between sta-

tions (depending on the survey) at which measurements were taken. MAP SCALE - The scale, noted as a ratio (1:n), of the map used to represent the information.

Record Number 3

As with the geophysical records, provision has been built in for noting more than one survey carried out.

SURVEY TYPE - The broad categories identified include geological mapping, geochemical surveys, line-cutting, etc. In general, any survey which cannot be classified as geophysical or drilling is noted here.

CONTRACTOR, SURVEY COST AND YEAR - These items are defined as for geophysical surveys.

- AREA Since this record deals with surveys which cannot be generally expressed in terms of line distances, the relative extent of the survey carried out is indicated by noting the area, (square kilometres) for mapping types of surveys, and the lineal distance, (line kilometres) for such activities as line-cutting.
- MINER In very broad terms, the nature and form of "economic" mineralization observed during the course of carrying out the survey are identified. The "economic" mineralizations are grouped according to the following criteria:

Non-ferrous group	for example Cu, Ni, Pb, Zn, etc.
Precious metal group	Au, Ag, Pt
Ferrous group	Fe, Cr, Co, Mn, etc.
Industrial Mineral group	asbestos, barite, potash, etc.
Mineral Fuels group	U, Th

ASSAY - This field indicates that assays are included within the original assessment report. MAP SCALE - As defined for geophysical survey.

Record Number 4

A summary description and extent of the reported diamond drilling is contained on this record.

DRILL TYPE - Indicates the core size.

CONTRACTOR, SURVEY COST, AND YEAR - As defined for geophysical surveys.

NUMBER HOLES - A simple count of the number of logs contained within the report.

TOTAL DISTANCE - The sum of the length of the holes reported within the assessment report. The unit of notation is metres.

MINER, ASSAY, AND MAP SCALE - As defined for surface surveys.

Record Number 5

This record presents assay results. Rather than reproduce each and every sample assay contained within the report, only the maximum values for each of the commodities assayed are selected.

- LAB The laboratory which carried out the assay.
- COMMOD The commodity assayed, identifying the element (e.g. Cu) or oxide (e.g. $U_3 O_3$).
- GRADE The grade value, reported in standard units of measurement with conversion to metric where applicable (ounces per ton is reported as grams per tonne).

EXTENT - This field indicates, for drill core assays, the length of analyzed core.

Record Number 6

Although provision has been made for reporting summaries of drill logs on the document, this particular record is not used at present. Instead, a separate computer file has been developed for drill log summaries, which forms an ongoing part of the Mineral Resources Information System.

Record Number 7

As previously implied, the NTS system is not the most perfect means of locating the area of a survey, principally because it is an attempt to fit features, which are rather obscure and diverse in shape, into a regimented coordinate system. To overcome the inherent problems of

locating such an entity, multiple NTS entries are provided. Thus, a mineral disposition which straddles the boundary between two NTS areas would result in two NTS area identifiers being coded.