

KNOX TOWNSHIP
DISTRICT OF COCHRANE, ONTARIO

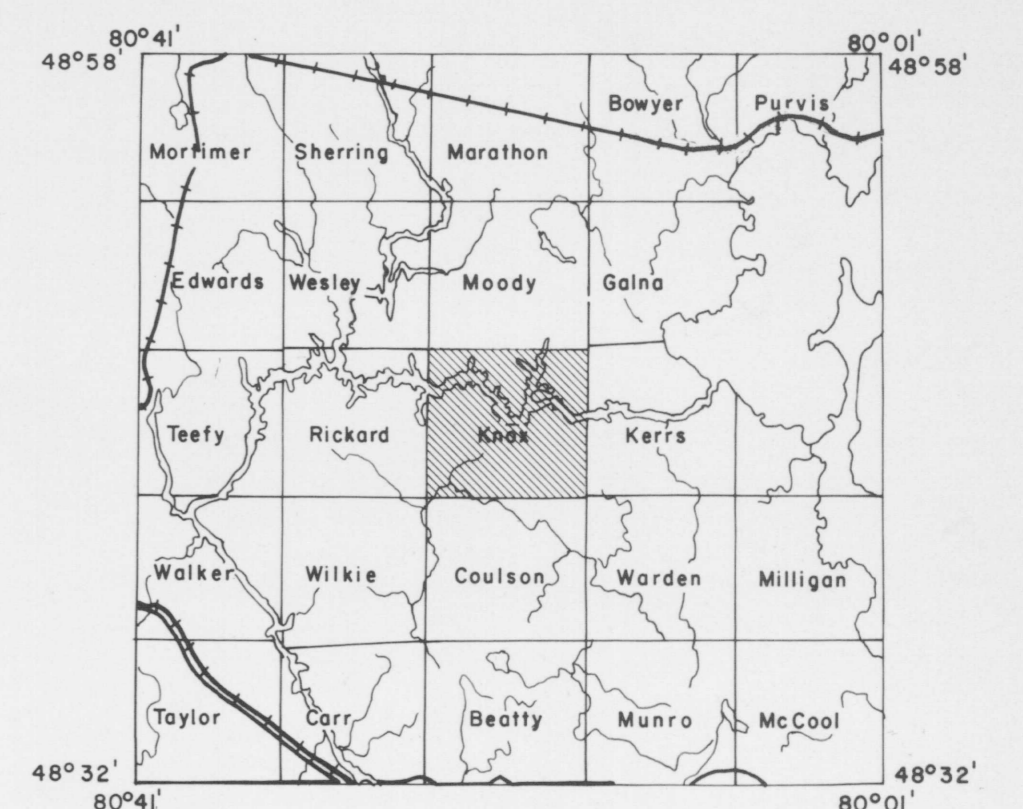
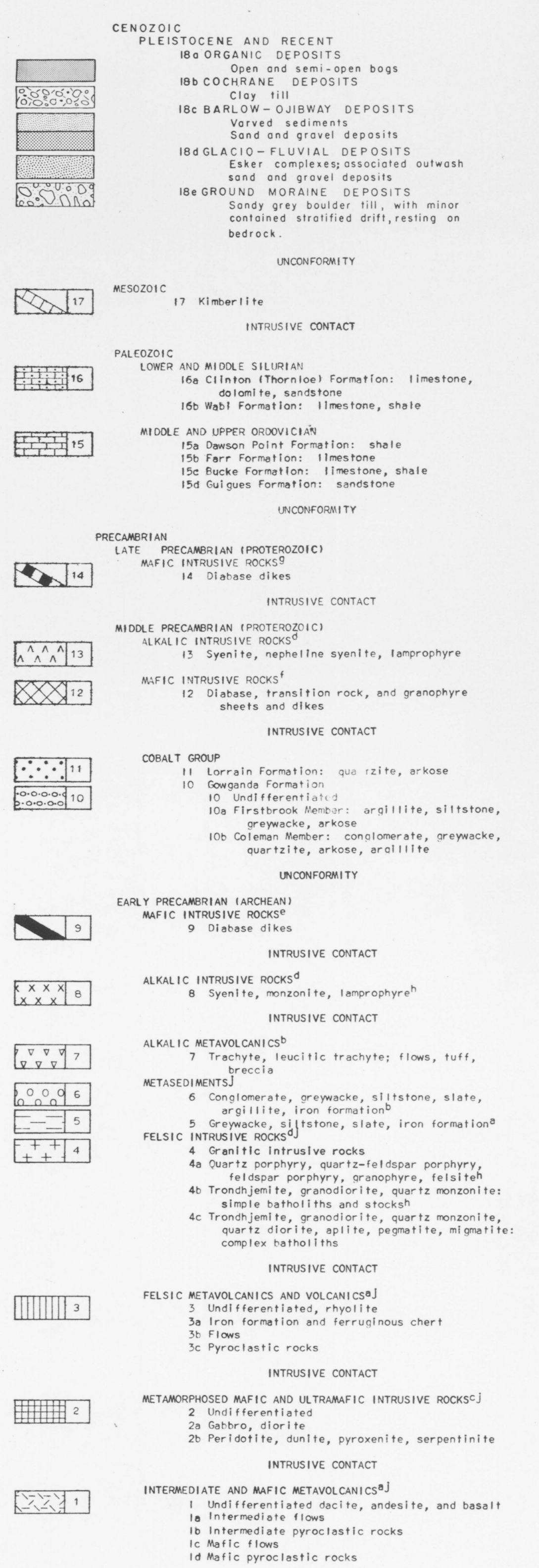
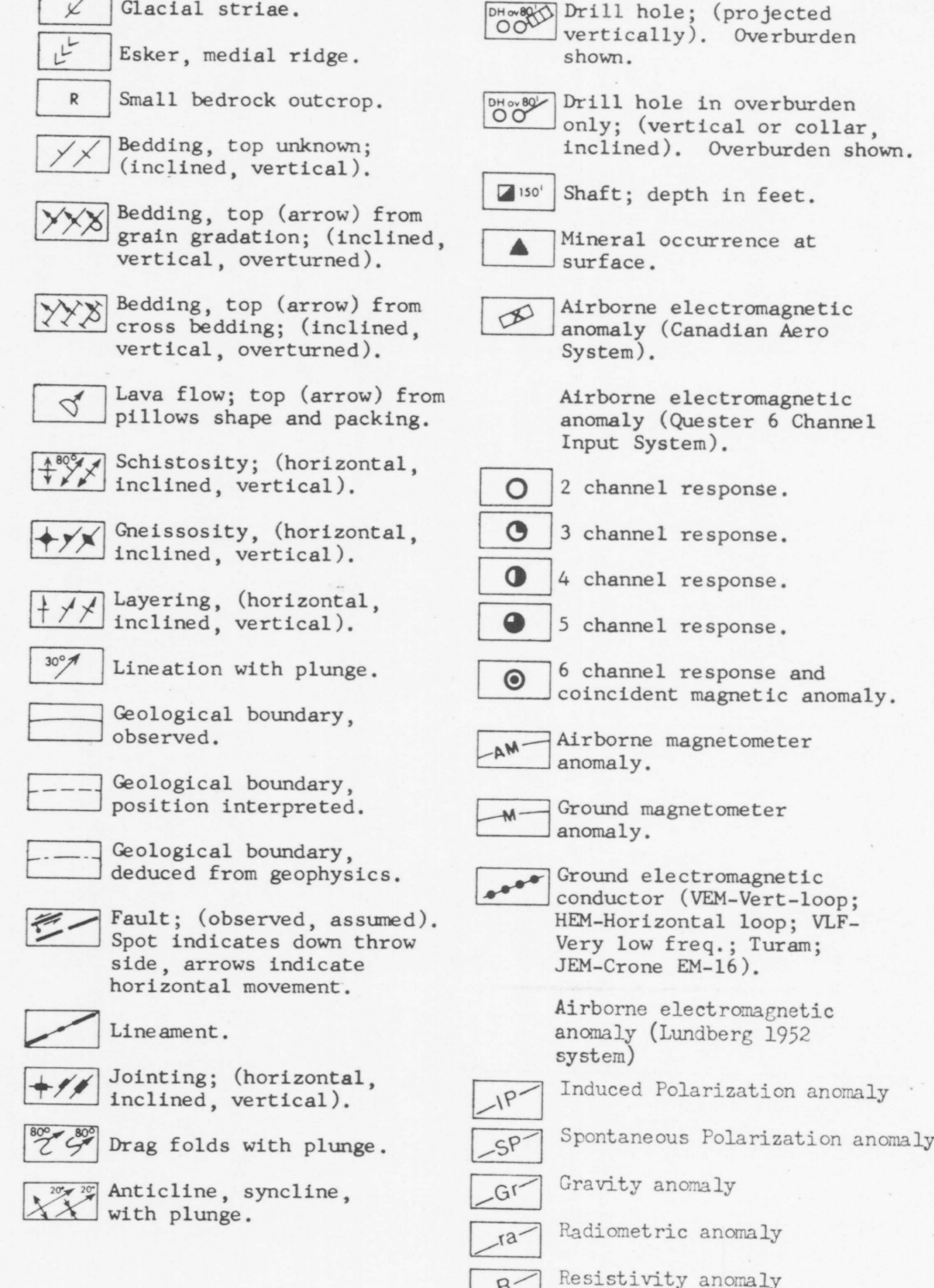


TABLE OF LITHOLOGICAL UNITS
KIRKLAND LAKE DATA SERIES



a Formerly classified as Keweenaw
b Formerly classified as Tintalaking
c Formerly classified as Halleyburian
d Formerly classified as Algonquin
e Includes north-trending dikes of Matachewan swarm
f Includes Nipissing and Gossford-type
g Includes Keweenaw
h Several ages; some units appear to be intrusive equivalents of volcanic formations whereas others post-date volcanic
j Rocks in these groups are subdivided lithologically; the order does not necessarily imply age relationship within or among groups

GEOLOGICAL AND MINING SYMBOLS FOR KIRKLAND LAKE DATA SERIES



METAL AND MINERAL REFERENCE

For Kirkland Lake Data Series

Ag	..... Silver	mo	..... Molybdenite
asb	..... Asbestos	ni	..... Nickel
Au	..... Gold	pb	..... Lead
cd	..... Cadmium	pl	..... Palladium
co	..... Cobalt	pr	..... Pyrrhotite
cp	..... Chalcopyrite	py	..... Pyrite
cr	..... Chromium	pt	..... Platinum
cu	..... Copper	qu	..... Quartz vein
ep	..... Epidote	qcw	..... Quartz-carbonate vein
fe	..... Iron	sp	..... Spinel
fl	..... Fluorite	serp	..... Serpentine
gf	..... Graphite	sp	..... Spinel
gn	..... Galena	spec	..... Sphalerite
mag	..... Magnetite	tal	..... Talc
mar	..... Marcasite	sn	..... Tin
ml	..... Millerite	zn	..... Zinc

Sources of Information
Compiled by the Geological Survey of Canada in co-operation with the Ontario Department of Mines and Northern Affairs from data on file with the Resident Geologist (Ontario Department of Mines and Northern Affairs), Kirkland Lake.

NTS Reference 42 A/9, 42 A/16
GSC-200 Aeromagnetic Map 250 (1:50,000), 25555
GSC Geological Compilation Series Map 2046
GSC Geological Report No. 37
GSC Surficial Geology Map 46-1959

OPEN FILE
104
JUN 1972
GEOLOGICAL SURVEY
OTTAWA



DATA FILED WITH THE ONTARIO DEPARTMENT OF MINES AND NORTHERN AFFAIRS
RESIDENT GEOLOGIST
AT KIRKLAND LAKE
Through March 1972

	GEOLOGICAL	DIAMOND DRILLING	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETOMETER	GROUND MAGNETOMETER	VERTICAL LOOP ELECTROMAGNETOMETER	HORIZONTAL LOOP ELECTROMAGNETOMETER	TURM ELECTROMAGNETOMETER	JEM	INDUCED POLARIZATION	VLF	RESISTIVITY	GRAVITY	GEOCHEMICAL	OTHERS
1. Billteum															
2. Noranda Bobs Lake		65		52 ^a	64										
3. Noranda Central Abitibi					65										
4. Noranda Lower Shallow River		65			65										
5. Noranda "Knox Kerrs"					65										
6. Noranda "Knox Kerr 71"					65										
7. Noranda East Abitibi					65										
8. Twin Falls Syndicate					65		65								

• Lundberg Airborne EM system

Note: The numbers on the above list stand for the year when the work was done, e.g., 66 for 1966. On the accompanying DATA LOCATION MAP only areas for which work was submitted to the Department are outlined, and thus a company may find more ground than indicated here. The numbers on the DATA LOCATION MAP and any circled numbers refer to the company list above.

