



42A04NW0157 11 KENOGAMING

010

Diamond Drilling

Township OF KENOGAMING

Report NO: 11

Work performed by: DUNVEGAN MINES

Claim NO	Hole NO	Footage	Date	Note
S 65267	# 1	327'	Feb/56	✓
	# 2	66'	Mar/56	✓
	# 3	200'	Mar/56	✓
	# 4	318'	Mar/56	✓
	# 9	162'	Apr/56	✓
S 81530	# 5	166'	Apr/56	✓
S 81556	# 6	198'	Apr/56	✓
	# 8	250'	Apr/56	✓
S 65263	# 7	375'	Apr/56	✓
	<u>9</u>	<u>1735'</u>		

Notes:

DUNVEGAN MINES
Kenogaming Twp.

JONSMITH MINES LTD

DIAMOND DRILL RECORD

Hole No. 7 Sheet No. _____ Started _____ Completed _____
 Location 20 + 00'E, 12 + 60'N Latitude _____ Departure _____ Elevation _____
 Bearing 203° Dip. 45° Length 375'
 Purpose _____ Surveys _____

FOOTAGE		LOGGED BY	CORE						
From	To	P.C. Masterman	Sample No.	Footage		Width	Cu.	Ni	Pt.
		Description		To	From				
0	7	Casing							
7	375	Felsic and sub-mafic gneisses.							
		Metamorphosed volcanic breccia & tuffs.							
		Gneissosity 75-90°							
7	35	Felspar porphyry gneiss & hornblende-biotite schist							
		17' Leached chalcopyrite stringers							
		19-21 Fine filaments pyrrhotite and chalcopyrite							
35	45	Volcanic breccia - gneiss or granulite							
45	70	Felspar porphyry gneiss							
70	102	Biotite-kyanite felspar porphyry gneiss							
102	215	Kyanite-felspar porphyry gneiss							
		185-195 Rare small stringers & disseminated chalcopyrite and pyrrhotite							
		197-200 Lost core							
		208-209 White vein quartz							
215	247	Augen gneiss - slightly mineralised.							
		Visibly sheared rock with fine stringers and disseminated grains and cubes of pyrite, pyrrhotite, chalcopyrite and sphalerite (?)							
247	265	Augen gneiss							
265	343	Kyanite felspar porphyry gneiss, part horn felsic, part finely sheared, part sub-mafic							
243	356	Fault breccia and cataclasite (?)							
		Soapstone partings, cleavage 50°							

J. J. J.

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DIAMOND DRILL RECORD

Hole No. 6 Sheet No. _____ Started April 7th 1956 Completed April 9th, 1956
Location 3 + 00' E, 8 + 00' N Latitude _____ Departure _____ Elevation _____
Bearing 138° Dip. 45° Length 198'
Purpose _____ Surveys _____

FOOTAGE		LOGGED BY	CORE						
From	To	Description	Sample No.	Footage		Width	Cu.	Ni	Pt.
				To	From				
0	8	Casing							
8	26	Diabase gneiss, part schistose, part granular							
26	79	Amphibole-chlorite schist Schistosity 45-50° 50-79 Part injection gneiss with rare stringers pyrrhotite and chalcopyrite							
79	106	Mineralized injection gneiss. Sparse patchy mineralization, pyrite pyrrhotite and chalcopyrite stringers.							
106	198	Injection Gneisses. Folded & contorted gneisses and flaser conglomerates. Rare disseminated sulphides and stringers associated with mafic bands.							
	198	End of Hole							

M. J. A.

DUNVEGAN MINES
Kenogaming Twp.

JONSMITH MINES LTD.

DIAMOND DRILL RECORD

Hole No. 5 Sheet No. _____ Started 28th March 1956 Completed 5th April 1956
 Location 0 + 00, 3 + 00' S Latitude _____ Departure _____ Elevation _____
 Bearing 137° Dip. 45° Length 166'
 Purpose _____ Surveys _____

FOOTAGE		LOGGED BY	CORE						
From	To	P.C. Masterman	Sample No.	Footage		Width	Cu.	Ni	Pt.
		Description		To	From				
0	7	Casing							
7	56	Amphibole-chlorite schist Mostly fine grained. Schistosity 30°							
56	76	Amphibole-chlorite-magnetite gneiss & quartz rock ("Iron Formation") Stringers pyrrhotite & rare chalcopryrite associated with mafic bands. Magnetite as irregular masses and well developed cubes. 70-75 cubes magnetite with tremolite, talc?							
	76	Contact							
76	85½	Diabase - Fine grained, black, with quartz							
85½	107	Amphibole-chlorite-magnetite gneiss Abundant magnetite, rare pyrrhotite & chalcopryrite 95-100 More felsic 100-107 Contains three 9 inch bands of sub-massive pyrrhotite, little chalcopryrite							
107	116	Quartz-porphry. Disseminated pyrite some gneissosity							
116	166	Mafelsic & felsic injection gneisses Disseminated pyrite & pyrrhotite. Rare chalcopryrite and pyrrhotite associated with quartz in thin fissures Part porphyroblastic. Gneissosity 40°							
	166	End of Hole							

M. J. H.

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JONSMITH MINES LTD.

DIAMOND DRILL RECORD

Hole No. 4 Sheet No. _____ Started 24th March 1956 Completed 27th March 1956
 Location 1 + 40' W on B.L. Latitude _____ Departure _____ Elevation _____
 Bearing 142° Dip. 45° Length 318'
 Purpose _____ Surveys _____

FOOTAGE		LOGGED BY	CORE								
From	To		Description	Sample No.	Footage		Width	Cu.	Ni	Co. %	Au. Ag. oz.
		To			From						
0	6		Casing	3	75	69 $\frac{1}{2}$	5 $\frac{1}{2}$	0.29	nil	0.04	nil
6	45		Felsic gneiss with intrusive diabase and mafic material								
45	54		Amphibole-chlorite schist Some quartz. Schistosity 50°								
54	62		Mineralized amphibole-chlorite schist 25-30% Pyrrhotite, rare chalcopyrite								
62	77 $\frac{1}{2}$		Amphibole-chlorite-magnetite gneiss Many stringers pyrrhotite, part sub-massive. Rare chalcopyrite. Sulphides about 30% of rock								
77 $\frac{1}{2}$	83		Amphibole-chlorite gneiss & vein quartz								
83	224		Quartz diorite Green-brown-grey. Fine-coarse grain Finely divided pyrite & pyrrhotite 180-224 more gneissic								
224	230		Quartzite White sugary, with mafic bands								
230	262		Amphibole-chlorite-magnetite gneiss Pyrrhotite stringers about 5%. Little felsic material								
262	272		Quartz diorite Fine grained								
272	277		Mafic gneiss - altered diabase								
277	281		Quartz vein								
281	311		Mafic gneiss - part felsic								
311	318		Felsic gneiss Finely disseminated pyrrhotite and pyrite								
	318		End of Hole								

J. A. H.

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DIAMOND DRILL RECORD

Hole No. 3	Sheet No.	Started March 1956	Completed March 21, 1956
Location 1 + 50' E on B.L.	Latitude	Departure	Elevation
Bearing 91°	Dip. 45°	Length 200'
Purpose	Surveys

FOOTAGE		LOGGED BY	CORE						
From	To	Description	Sample No.	Footage		Width	Cu.	Ni	Pt.
				To	From				
0	6	Casing							
6	63	Quartz diorite. Porphyritic, slight gneissosity fractures 50°							
63	76	Hornblende-chlorite-magnetite gneiss Variable schistosity av. 50° 63-70 Abundant stringers pyrrhotite, subordinate chalcopyrite 70-74½ Sulphides rare or absent, mainly magnetite 74½-76 Stringers and disseminated pyrrhotite, chalcopyrite, pyrite							
	76	Contact							
76	97	Quartz diorite Medium-fine grain, grey. Disseminated pyrite							
97	200	Felsic gneisses. Schistosity 240° Pyrrhotite and pyrite stringers, little chalcopyrite 99½-100 Shearing. Magnetite and some graphitic material 100-200 Impure felsic gneisses, rare dissemi- nated sulphides							
	200	End of Hole							

P. C. Masterman

DUNVEGAN MINES
Renogaming Twp.

JONSMITH MINES LTD.

DIAMOND DRILL RECORD

Hole No. 2 Sheet No. _____ Started March, 1956 Completed March 1956
 Location 3 + 00' E, 1 + 12' N Latitude _____ Departure _____ Elevation _____
 Bearing 237° Dip. 70° Length 66'
 Purpose _____ Surveys _____

FOOTAGE		LOGGED BY	CORE						
From	To	Description	Sample No.	Footage		Width	Cu.	Ni	Pt.
				To	From				
0	5	Casing							
5	13	Amphibole-chlorite-schist. Contorted, Schistosity av. 45°. Threads and stringers pyrrhotite following schistosity.							
13	30	Amphibole-chlorite-magnetite gneiss. Few stringers pyrrhotite following gneissosity. Rare chalcopryrite and shearing. 24.6, 2" band abundant pyrrhotite and fine threads chalcopryrite Schistosity 30-50°							
30	38	Amphibole-chlorite gneiss. Sub granulose							
38	50	Felsic gneiss Quartz-feldspar gneiss. Finely porphyroblastic Gneissosity 50°							
50	66	Felsic. As above with local development mafic material and associated pyrrhotite.							
	66	End of Hole							
		<i>M. J. H.</i>							

DUNVEGAN MINES
Kenogaming Twp.

JONSMITH-MINES LTD.

DIAMOND DRILL RECORD

Hole No. 1	Sheet No. 1	Started February 1956	Completed February 1956
Location 3 + 00' E, 1 + 10' N	Latitude	Departure	Elevation
Bearing 237°	Dip. 45°		Length 327'
Purpose		Surveys	

FOOTAGE		LOGGED BY	CORE						
From	To	Description	Sample No.	Footage		Width	Cu. %	Ni %	Pt.
				To	From				
0	5	Casing	1	39½	34½	4¾	0.37	nil	
5	13	Amphibole-Chlorite Schist Part abundant stringers pyrrhotite. Schistosity 40°	2	44½	39½	5	0.21		
13	34½	Amphibole-Chlorite-Magnetite Gneiss Thin pyrrhotite stringers in part. Rare chalcopyrite. Gn. 30°							
34½	47½	Amphibole-Chlorite-Magnetite Gneiss. As above with more abundant sulphide including fine chalcopyrite stringers and threads. Mostly follow line of core ie. 0°							
47½	50	Felsic Gneiss							
50	80½	Quartz diorite Little disseminated pyrite. 63-68 test core							
80½		Chilled Edge							
81	168	Felsic gneiss - pyrite stringers. Schist. 60°							
168	200	Mafic gneiss - Biotite gneiss							
200	280	Felsic gneiss							
280	313	Quartz diorite Little pyrite. Faint gneissosity							
313	327	Felsic gneiss							
	327	End of Hole							

J. J. H.

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES LTD., Kenogaming Twp. HOLE No. 9
 SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____
 LATITUDE 1 + 40'W on B.L. DATUM _____ COMPLETED April /56
 DEPARTURE _____ BEARING 232° ULTIMATE DEPTH 162'
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						Cu. %	Ni. %	Zu. %	Co. %
From 0	To 8 Casing	4	105	110	5	0.33	nil	nil	trace
8	46 Diabase - well fractured Disseminated pyrite								
46	100 Diabase & amphibole chlorite gneiss gneissosity 70-80° 57½ Chalcopyrite stringers 75-100 Rare sulphide stringers								
100	122½ Mineralized mafic gneiss & quartz Rock Sulphides 100½-101½ < 20% Pyrrhotite 103 - 111 < 40% Pyrrhotite with few chalcopyrite stringers 111 - 120 < 10% Pyrrhotite Abundant sugary quartz								

NORTHERN MINER FORM 905 REV./54

DRILLED BY Paul Doyen

SIGNED _____

Logged by P.C. Masterman

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES LTD., Kenogaming Twp. HOLE No. 9

SHEET NUMBER SECTION FROM TO STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
From 122½	To 162 Diorite gneiss and granulite.								
	154-162 Thin white quartz veins with little associated sulphide.								
	162 End of Hole								
	<i>M. J. H.</i>								

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES LTD. Kenogaming Twp. HOLE No. 8

SHEET NUMBER SECTION FROM TO STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
From 229	To 232½								
	Mineralized magnetite-amphibole- chlorite-gneiss. Filaments pyrrhotite and pyrite. Under 7%								
232½	253								
	Felsic gneisses								
	253								
	End of Hole								
	<i>J. H.</i>								

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES, Kenogaming Twp. HOLE No. 8

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
From 70½	To 87 Mineralized magnetite-amphibole-chlorite-gneiss. Under 5% sulphides, mostly pyrrhotite stringers, little chalcopyrite. Small garnet crystals (?) gneissosity 70°. 75-76 Lost Core								
87	100 Amphibole chlorite gneiss gneissosity 70-80°								
100	112 Felspar porphyry & amphibole chlorite gneiss. Few pyrrhotite stringers.								
112	229 Diorite gneiss & granulite Rare disseminated sulphides assoc. thin quartz veins.								

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES, Kenogaming Twp. HOLE No. 8
 SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED 17th April, 1956
 LATITUDE 1 + 00' E, 4 + 00' N DATUM _____ COMPLETED 20th April, 1956
 DEPARTURE _____ BEARING 146° ULTIMATE DEPTH 250'
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
From 0	To 4 Casing								
4	70½ Amphibole- chlorite Gn. & Sch. Rare fine stringers and dis- seminated pyrrhotite & subord- inate chalcopryrite								
	19 Leached sulphide veinlet								
	43-44 White qtz. vein with irre- gular pyrrhotite & chalco- pyrite								
	66-66½ Mineralized gneiss. Stringers pyrrhotite. Little chalcopryrite								
	66½-68, 69-70, 71-73, 74-75 Lost Core								

Y. J. H.
 7/1/56

NORTHERN MINER FORM 505 REV. 1954

DRILLED BY Paul Doyon

SIGNED Logged by P. C. Masterson

DIAMOND DRILL RECORD

PROPERTY DUNVEGAN MINES, Kenogaming Twp. HOLE No. 7

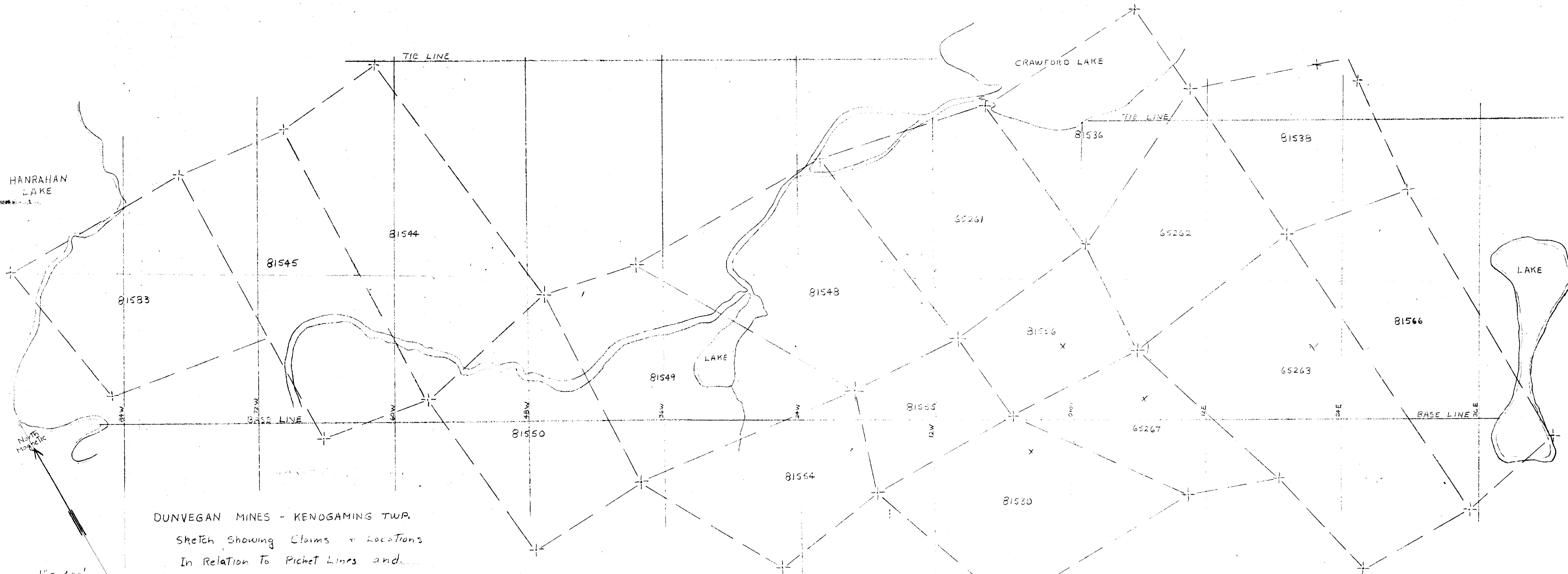
SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
356 - 375	Biotite-kyanite felspar porphyry hornfels. Disseminated pyrite cubes.								
375	End of Hole								
	<i>M. J. H.</i>								



DUNVEGAN MINES - KENOGAMING TWP.
 Sketch Showing Claims + Locations
 In Relation to Picket Lines and
 Topographic Features.
 Nov. 12, 1956
F. J. Harlutt

1" = 400'
 200



DUNVEGAN MINES LIMITED.
 KENOGAMING TOWNSHIP.
 Plan of Diamond Drill Hole Locations.
 Scale: 1 INCH = 100 FEET
 30th APRIL 1956.
 P.C. MASTERMAN.

A. B. Pittblake records of Kenogaming Township
 Planning & Survey Office

