

Appendix G: Sample lists, in Furer, L.C., Fehlmann, R.H., Taylor, A.M., Self, G.W., and Amoco Oil Co., Data compilation of the 1971 field party, southeast Brooks Range and Fort Yukon, Alaska; Vol 1

Furer, L.C., and Amoco Oil Co.

GMC DATA REPORT 464G

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2019
State of Alaska
Department of Natural Resources
Division of Geological & Geophysical Surveys
GEOLOGIC MATERIALS CENTER



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0014
STRATIGRAPHIC SECTION REGISTER

(ARCTIC VILLAGE) AMOCO - 1971

<u>SECTION</u>	<u>FORMATION</u>	<u>FOOTAGE</u>	<u>SAMPLES</u>	<u>REMARKS</u>
Wind River	Kanayut/ Hunt Fork	2880'	6001-6052	faults incomplete
Smoke Creek	Lisburne	450'	7005-7024	incomplete
	Kayak	716'	7007-7023	complete?
	Kanayut??	not meas.	7006'	only contact with Kayak exposed
Crow Nest Creek	Hunt Fork?	890'	7025-7041	complete
	Skajit	1640'	7041-7054	incomplete
North Red	Kanayut	900'	6100-6114	incomplete
Sheep Creek	Hunt Fork	480'	6115-6120	incomplete
South Red	Kayak? P-Tr.	975'	6078-6095	incomplete
Sheep Creek	Lisburne	3520'	8008-8046 6071-6072	incomplete
East Red	Lisburne	20'	8056-8058	incomplete
Sheep Creek	Kayak	421'	8047-8055	incomplete
Flatrock Creek	Lisburne	1077'	8059-8082	incomplete
	Kayak	151'	8083-8086	incomplete
Aspen Creek	Lisburne	568'	FCH-709-719	incomplete
	Kayak	205'	FCH-720-725	incomplete
Joe Creek	Permo-Triassic	1055'	FCH-727-742	incomplete
	Lisburne	420'	6129-6148	incomplete
Angry Bee Crk.	Skajit (L. Hunt Fork)	530'+	FCH-675-694	incomplete
U. Firth River	Kanayut	40'	6152	incomplete
	Kayak	597'	6153-6167	complete
	Lisburne	329'	6168-6173 6200-6210	incomplete
U. Coleen Rv.	Lisburne	390'	6174-6177 6184-6199	faults
	Ivishak	225'	6178-6183	incomplete

18479

SAMPLE REGISTER
(ARCTIC VILLAGE) AMOCO - 1971

L=8
P=10
F=5
C=2
SR=1
Geo=0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6001	Qtzite/ss	Hunt Fork Kayak/Kanayut	SW/4, R22E, T14S SE/4, R21E, T14S Philip Smith	L	Wind River
6002	Qtzite/ss	"	"	L-C	"
6003	Sh/cgl.	"	"	L	"
6004	Sh.	"	"	P	"
6005	Ss/cgl.	"	"	L	"
6006	Ss/cgl.	"	"	F	"
6007	Sh.	"	"	P	"
6008	Sh.	"	"	C	"
6009	Sh.	"	"	P	"
6010	Silst.	"	"	P	"
6011	Ss.	"	"	L-F	"
6012	Ss. cgl.	"	"	L-F	"
6013	Sh.	"	"	F	"
6014	Sh.	"	"	P	"
6015	Sh.	"	"	P	"
6016	Ss.	"	"	L	"
6017	Sh. slst.	"	"	P	"
6018	Sh.	"	"	P	"
6019	Sh.	"	"	P & Sr	"
6020	Qzte.	"	"	L	"
6021	Ss.	"	"	F	"
6022	Sh.	"	"	P	"

P=10
F=9
C=5
SR=6
GEO=C

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6023	Ss. (Qzite)	Hunt Fork Kayak/Kanayut	SW/4, R22E, T14S SE/4, R21E, T14S Philip Smith	F	Wind Rive
6024	Sh.	"	"	P	"
6025	Sh.	"	"	P	"
6026	Sh.	"	"	P	"
6027	Sh.	"	"	P	"
6028	Sh.	"	"	P & Sr	"
6029	Ss.	"	"	F	"
6030	Sh.	"	"	P & Sr	"
6031	Sh.	"	"	P & Sr	"
6032	Ss.	"	"	F	"
6033	Ls.	"	"	F & C	"
6034	Ls.	"	"	F & C	"
6035	Ls.	"	"	F	"
6036	Ls.	"	"	F	"
6037	Sh.	"	"	P & Sr	"
6038	Ss.	"	"	L	"
6039	Sh.	"	"	F	"
6040	Sh.	"	"	P & Sr	"
6041	Ls.	"	"	L, C, F	"
6042	Slst.	"	"	P & Sr	"
6043	Ss.	"	"	L	"
6044	Metamorphic Rx Carb?	"	"	L, C	"
6045	?Ls., Meta.	"	"	C	"

L=4

156
F-2
C-5
GR-2
Geo-2

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6046	Bl. Sh. (Meta)	Hunt Fork Kayak/Kanayut	SW/4, R22E, T14S SE/4, R22E, T14S Philip Smith	P	Wind Rive
6047	Qtzite (Meta)	"	"	L	"
6048	Sh.	"	"	P	"
6049	Sh. (meta) & ign. int.	"	"	L & Geo.	"
6050	Sh.	"	"	P & Sr	"
6051	Sh.	"	"	P	"
6052	Ls.	"	"	C	"
6053	Mafic intr.	Igneous in (Dsl) (Dsk)	Bottom 1/3 NS Bdry between R25 & 26E, T16S, Arctic	L & Geo.	Grab
6054	Ls.	Dev. Dsl	Center W 1/2 T14S, R24E Arctic	L-C	Grab
6055	Maybe intr. or ss. qtzite ?	Dev. Dk	SE/4, T16S, R15E Philip Smith	L	Grab
6056	Shale (slate)	Hunt Fork	"	P-Sr	Grab
6057	Ss.	Kanayut	NE/4, T16S, R15E Arctic	L	Grab
6058	Ls.	Skajit (Dsk)	SE/4 SW/4, T15S, R23E, Arctic	C	Grab
6059	Ls.	Hunt Fork (Dls)	Center SW/4, T15S, R23E, Arctic	C	Grab
6060	Ss. & Silst.	Kanayut (Dk)	Center W 1/2, SE/4, T15S, R18E, Philip Smith	P	Grab
6061	Ls.	Hunt Fork (Dls)	NW corner T15S, R16E, Philip Smith	F	Grab sect of Dls
6062	Ls.	Hunt Fork (Dls)	NW corner T15S, R16E, Philip Smith	C	Grab sect of Dls
6063	Ls.	"	"	F	"

F-9
C-5
SR-1
GEO-1

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6064	Ls.	Hunt Fork (Dls)	NW corner T15S, R16E, Philip Smith	F	Grab sect of Dls
6065	Ls.	"	"	F	"
6066	Ls.	"	"	C	"
6067	Metamorphic	Hunt Fork (Ds)	SE/4 T7S, R32E, Arctic	L	Grab
6068	Metamorphic	"	"	L	"
6069	Mafic intr.	In Hunt Fork	N 1/2 T16S, R16E, Philip Smith	Geo.	"
6070	Ls.	Skajit	Center T16S, R17E, Philip Smith	C	"
6071	Ls.	Lisburne	C of 7S, 30E, (Arctic Quad.)	C	S. Red Sheep Ck.
6072	Ls.	"	"	F	"
6073	Ls. & Dolo.	"	"	L-C	"
6074	Ls.	"	"	F	"
6075	Ls.	"	"	F	"
6076	Ls.	"	"	L-C	"
6077	Ls.	"	"	F	"
6078	Sh.	P-Tr / Ks / Ls?	"	P	"
6079	Siltstone	"	"	L	"
6080	Siltstone	"	"	L	"
6081	Siltstone	"	"	P-Sr	"
6082	Siltstone	"	"	L	"
6083	Siltstone-mudstone	"	"	F	"
6084	Siltstone-mudstone	"	"	F	"
6085	Siltstone	"	"	F	"
6086	Siltstone	"	"	L-P	"

p-14
F-2
C-0
SR-12
GEO-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6087	Siltstone	P-Tr	C of 7S, 30E, (Arctic Quad.)	P-Sr	S. Red Sheep Ck.
6088	Siltstone	"	"	P-Sr	"
6089	Sh.	Kayak	"	P-Sr	"
6090	Sh.	"	"	P-Sr	"
6091	VOID NUMBER	VOID NUMBER	"	VOID	"
6092	Ls.	Kayak	"	F	"
6093	Siltstone	"	"	P & Sr	"
6094	Ls.	"	"	F	"
6095	Siltstone & Sh.	"	"	P-Sr	"
6096	Sh.	Tr Dcs	E 1/2, 13 S, 27E, Arctic Quad.	L,P,Sr	Grab.
6097	Siltstone, Sh., Ss.	"	"	L,P	"
6098	Siltstone, Sh., Ss.	"	"	L	"
6099	Siltstone, Ss.	Dgw	19S, 6E (Arctic Quad.)	L,P,Sr	"
6100	Sh., Siltstone	Kanayut	N 1/2 of 7S, 30E, (Arctic Quad.)	P,Sr	N. Red Sheep Ck.
6101	Ss.	"	"	L	"
6102	Siltstone, Sh.	"	"	P,Sr	"
6103	Qtzite	"	"	L	"
6104	Sh.	"	"	P,Sr	"
6105	Ironstone congl.	"	"	L,P	"
6106	Qtzite	"	"	L	"
6107	Qtzite	"	"	L	"
6108	Sh.	"	"	P,Sr	"
6109	Congl.	"	"	L	"

L=10

P-6
F-3
C-4
SR-2
GEO-3

Sample No.	Rock Type	Formation	Location	Purpose	Section
6109	Congl.	Kanayut	N 1/2 of 7S, 30E, (Arctic Quad.)	L	N. Red Sheep Cr.
6110	Congl.	Kanayut	N 1/2 of 7S, 30E, (Arctic Quad.)	L	N. Red Sheep Cr.
6111	Congl.	"	"	L	"
6112	Congl. & phyllite	"	"	Geo.	"
6113	Congl.	"	"	Geo., L	"
6114	Mafic intru.	Hunt Fork	"	Geo., L	"
6115	Sh.-phyllite	Hunt Fork	"	L, P	"
6116	Qtzite (meta.)	"	"	L	"
6117	Phyllite	"	"	P, L	"
6118	Qtzite	"	"	L, P	"
6119	Meta. ss.	"	"	L	"
6120	Sh. (meta.)	"	"	L, P	"
6121	Sh.	Siksikpuk	SE/4 of 11S, 25E, (Arctic Quad.)	P, Sr	Grab
6122	Meta. sh.	"	"	L	"
6123	Sh.	Kayak	NW/4, 12S, 26E (Arctic Quad.)	P, Sr	"
6124	Ls.	Lisburne	"	L, C	"
6125	Varied	Dsc	SW/4, 15S, 25E (Arctic Quad.)	L, F	"
6126	Ls.	Skajit	W 1/2, 16S, 25E (Arctic)	L, C	"
6127	Ls.	"	E 1/2, 16S, 24E (Arctic)	L, C	"
6128	Ls.	"	S 1/2, 16S, 24E (Arctic)	L, C	"
6129	Ls.	Lisburne	68° 58' & 141° 22' (Table Mtn.)	F	Joe Creek
6130	Ls.	"	"	F	"

P-3
F-9
C-10
SR-1
680-0

Sample No.	Rock Type	Formation	Location	Purpose	Section
6131	Ls. Void	Lisburne Void	68° 58' & 141° 22' (Table Mtn.)	Void	Joe Creek
6132	Ls.	Lisburne	68° 58' & 141° 22' (Table Mtn.)	F	Joe Creek
6133	Ls.	"	"	F	"
6134	Ls.	"	"	F	"
6135	Ls.	"	"	C	"
6136	Ls.	"	"	F	"
6137	Ls.	"	"	F	"
6138	Ls.	"	"	C	"
6139	Ls.	"	"	C	"
6140	Ls.	"	"	F	"
6141	Ls.	"	"	L, C	"
6142	Ls.	"	"	C	"
6143	Ls.	"	"	C	"
6144	Ls.	"	"	F	"
6145	Ls.	"	"	F	"
6146	Ls.	"	"	C	"
6147	Ls.	"	"	C, F	"
6148	Ls.	"	"	C	"
6149	Sh.	Tr Ps	68° 57' & 141° 25' (Table Mtn.)	P, L	Grab
6150	Ch. & dolomite	Kayak-Lisburne?	68° 52' & 142° 02' (Table Mtn.)	C, L	"
6151	Sh.	Kayak	"	L, P	"
6152	Qtzite	Kanayut	68° 51' & 142° 08' (Table Mtn.)	L	U. Firth River
6153	Qtzite	Kanayut-Kayak?	"	L	"
6154	Sh.	Kayak	"	P, Sr	"

P-7
F-14
C-13
SR-6
GEO-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6155	Sh.	Kayak	68° 51' & 142° 08' (Table Mtn.)	P, Sr	U. Firth River
6156	Sh.	"	"	P, Sr	"
6157	Sh.	"	"	P, Sr	"
6158	Sh.	"	"	P, Sr	"
6159	Ls.	"	"	F	"
6160	Ls.	"	"	C	"
6161	Ls.	"	"	F	"
6162	Sh.	"	"	P, Sr	"
6163	Ls.	"	"	C	"
6164	Ls.	"	"	F, C	"
6165	Ls.	"	"	F, C	"
6166	Sh. & siltstone	"	"	P, Sr	"
6167	Ls.	Lisburne	"	C	"
6168	Ls.	"	"	F, C	"
6169	Ls.	"	"	F, C	"
6170	Ls.	"	"	F	"
6171	Ls.	"	"	C	"
6172	Ls.	"	"	C, F	"
6173	Ls.	"	"	C, F	"
6174	Ls.	"	68° 49' & 142° 56' (Table Mtn.)	C, F	U. Coleen River
6175	Ls.	"	"	F	"
6176	Ls.	"	"	F, C	"
6177	Ls.	"	"	F, C	"
6178	Siltstone	Ivshak?	"	L, P	"
6179	Siltstone	"	"	F	"

M-1
F-15
C-12
SR-1
GEO-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6180	Siltstone	Ivshak?	68° 49' & 142° 56' (Table Mtn.)	L, P	U. Coleen River
6181	Siltstone	"	"	L, P	"
6182	Siltstone	"	"	L,P,Sr	"
6183	Siltstone	"	"	L, P	"
6184	Ls.	Lisburne?	"	L,G,F	"
6185	Ls.	Lisburne	"	C	"
6186	Ls.	"	"	F	"
6187	Ls.	"	"	F	"
6188	Ls.	"	"	F	"
6189	Ls.	"	"	F	"
6190	Ls.	"	"	C	"
6191	Ls.	"	"	F	"
6192	Ls.	"	"	F, C	"
6193	Ls.	"	"	F, C	"
6194	Ls.	"	"	F, C	"
6195	Ls.	"	"	L, C	"
6196	Ls.	"	"	F	"
6197	Ls.	"	"	F, C	"
6198	Ls.	"	"	F, C	"
6199	Ls.	"	"	F, C	"
6200	Ls.	"	68° 51' & 142° 08' (Table Mtn.)	L,C,F	Continuence of U. First River
6201	Ls.	"	"	C, L	"
6202	Ls.	"	"	P	"
6203	Ls.	"	"	L, P	"
6204	Ls.	"	"	L,P,F	"

L-1
P-5
F-9
C-5

Sample No.	Rock Type	Formation	Location	Purpose	Section
6205	Ls.	Lisburne	68° 51' & 142° 08' (Table Mtn.)	L, P, F	Continuen of U. Fir River
6206	Chert	Lisburne?	"	L, F	"
6207	Chert	"	"	L, F	"
6208	Chert	"	"	L, F	"
6209	Shale-chert?	Kayak	"	L, P	"
6210	Shale	"	"	P	"
6211	Ls.	Lisburne	68° 40' & 141° 50' (Table Mtn.)	C, F	Grab
6212	Ls.	"	"	F	"
6213	Siltstone	Ivshak	"	P, L	"
6214	Ls.	Lisburne	68° 33' & 141° 05' (Table Mtn.)	C, F	"
6215	Siltstone	Ivshak	"	L, P	"
6216	Ls.	D1	T36N, R17E (Coleen)	C	"
6217	Chert	Jurassic?	T36N, R19E (Coleen)	L	"
6218	Basalt	Igneous intru.	"	Geo.	"
6219	Ls.	Lisburne	T36N, R22E (Coleen)	C	"
6220	Ls.	"	"	F	"
6221	Qtzite & congl.	Kanayut	68° 07' N. & 142° 23' W., (Table Mtn)	L	"
6222	Qtzite (meta.)	"	68° 08' N. & 142° 01' W., (Table Mtn)	L	"
6223	Ls.	Lisburne?	NW/4, 36N, 27E, (Coleen)	L	"
6224	Ls.	Lisburne	C, 36N, 27E (Coleen)	F	"
6225	Ls.	"	"	C	"

P-2
F-8
C-8
SR-1
GEO-1

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6226	Ls.	Lisburne	C, 36N, 27E (Coleen)	C	Grab
6227	Ls.	"	"	F	"
6228	Ss.	? (Permian)	"	L	"
6229	Schist	Meta. Kanayut?	37N, 28E (Coleen)	L, Geo.	"
6230	Ls.	Lisburne	68° 14' & 141° 26' (Table Mtn.)	C, F	"
6231	Ss.-siltstone	P-Tr	68° 16' & 141° 25' (Table Mtn.)	L	"
6232	Ls.	Lisburne	68° 47' & 141° 25' (Table Mtn.)	F	"
6233	Ls.	"	"	C	"
6234	Ls.	"	"	F	"
6235	Ls.	"	"	F	"
6236	Ls.	"	"	F, C	"
6237	Ls.	"	"	F, C	"
6238	Siltstone	P-Tr	"	L	"
6239	Shale	Kayak	68° 48' & 141° 59' (Table Mtn.)	P, Sr	"
6240	Siltstone & Sh.	"	68° 40' & 141° 46' (Table Mtn.)	P, L	"
6241	Qtzite	Kanayut	68° 32' & 142° 05' (Table Mtn.)	L	"
6242	Ls.	Lisburne	68° 33' & 142° 05' (Table Mtn.)	C	"
6243	Ls.	"	"	F	"
6244	Ls.	Skajit	17S, 26E, Arctic Quad.	C, L	"
6245	Ls.	DL-or Dsk	146° 33' W., 67° 55' N., Christian Quad.	C, L	"

P-1
F-4
C-11
SR-0
1950-2

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
6246	Ls.	Skajit	146° 55' W., 67° 50' N., Christian Quad.	C, L	Grab
6247	Phyllite & schist	Ds	"	L	"
6248	Ls.	Skajit	146° 54' W., 67° 47' N., Christian Quad.	C, L	"
6249	Ls.	"	"	C, L	"
6250	Schist	Ds	T36N, R8W, Chandalar Quad.	Geochron	"
6251	Ls.	DL	"	C, L	"
6252	Ls.	Skajit	"	L	"
6253	Volc.?	Volcanic?	E 1/2, T36N, R9W, Chandalar Quad.	L	"
6254	Dolo.	Skajit	151° 04' W., 67° 33' N., Wiseman Quad.	C, L	"
6255	Qzte.	Kanayut?	"	L	"
6256	Schist	Hunt Fork	151° 34' W., 67° 24' N., Wiseman Quad.	L, Geoc.	"
6257	Marble	Skajit	"	L	"
7001	Ls.	Lisburne	NW/4, NE/4 R22E, T14S	C	Smoke Ck.
7002	Ls.	"	"	L, C	"
7003	Ls.	"	"	L, F, C	"
7004	Ls.	"	"	L, F, C	"
7005	Ls.	"	"	L, F, C	"
7006	Quartzite	Kanayut?	"	L	"
7007	Silty shale	Kayak	"	L	"
7008	Ls.	"	"	L, C, F	"
7009	Sh.	"	"	P	"

P-11
F-8
C-10
S-3
G-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
7010	Sh. & siltstone	Kayak	NW/4, NE/4, R22E, T14S	P & Sr	Smoke Ck.
7011	Sh. & siltstone	"	"	P & Sr	"
7012	Sh. & siltstone	"	"	P	"
7013	Ls.	"	"	L & C	"
7014	Sh. & siltstone	"	"	P & Sr	"
7015	Sh. & Ls.	"	"	P & Sr	"
7016	Ls.	"	"	L, C, F	"
7017	Ls.	"	"	L, C, F	"
7018	Ls.	"	"	L, C, F	"
7019	Shale & siltstone	"	"	P & Sr	"
7020	Ls.	"	"	F, C, L	"
7021	Ls.	"	"	L, C, F	"
7022	Ls.	"	"	L, C, F	"
7023	Ls.	"	"	L, C, F	"
7024	Ls.	Lisburne	"	L, C, F	"
7025	Ss. congl.	Kanas Hunt Fork?	SW/4, SW/4, R25E, T15S	L	Crow Nest
7026	Ss. congl.	"	"	L	"
7027	Shale	"	"	P	"
7028	Ss. congl., sh.	"	"	L, P	"
7029	Sh.	"	"	P	"
7030	Sh.	"	"	P	"
7031	Ss. congl.	"	"	L	"
7032	Ls. (float)	Hunt Fork (?)	SW/4, SW/4 R25E, T15S	L, C	"
7033	Sh., Siltstone, Claystone, Ss.	Hunt Fork	"	P	"

F-1
F-1
C-18
SR-2
GEO-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
7034	Sh., Siltstone, Claystone, Ss.	Hunt Fork	SW/4, SW/4 R25E, T15S	C	Crow Nest
7035	Ss., Sh.	"	"	P	"
7036	Ls.	"	"	C	"
7037	Sh.	"	"	L	"
7038	Ls. congl.	"	"	L	"
7039	Ls. congl.	"	"	C	"
7040	Ls.	"	"	L & C	"
7041	Ls. congl.	"	"	L & C	"
7042	Ls.	Skajit	"	L & C	"
7043	Ls. & siltstone	"	"	L & C	"
7044	Ls.	"	"	L & C	"
7045	Ls.	"	"	L & C	"
7046	Ls.	"	"	L, F, C	"
7047	Ls.	"	"	L & C	"
7048	Ls.	"	"	L & C	"
7049	Ls.	"	"	L & C	"
7050	Ls.	"	"	L & C	"
7051	Ls.	"	"	L & C	"
7052	Ls.	"	"	L & C	"
7053	Ls.	"	"	L & C	"
7054	Ls.	"	"	L & C	"
7055	Quartzite	Dgw	SW/4, 15S, 32E (Arctic Quad.)	L	Grab
7056	Congl.	Kanayut Dk	Center of 15S, 32E (Arctic)	L	"
7057	Chert	Tr Dcs	NE/4 of 16S, 32E (Arctic)	L	"

(140)

P. 4
F-8
C-7
SR-1
Geo-1

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
7058	Sh.	Tr Dcs	NE/4 of 16S, 32E, (Arctic)	P	Grab
7059	Sh.	"	"	P, Sr	"
7060	Ls.	DLF	NW/4, 15S, 34E (Arctic Quad.)	F	"
7061	Ls.	"	"	C	"
7062	Ls.	"	"	F	"
7063	Ls.	"	"	F	"
7064	Ls.	"	"	C	"
7065	Ls.	"	"	F	"
7066	Ls.	"	"	C, F	"
7067	Ls.	Lisburne	142° 33' & 68° 07' (Table Mtn. Quad.)	C	"
7068	Ls.	"	"	L	"
7069	Ls.	"	"	F	"
7070	Ls.	"	"	C, F	"
7071	Dacite (igneous intrusion)	Igneous Intrusion	142° 05' & 68° 23' (Table Mtn. Quad.)	L, Geo.	"
7072	Mudstone-Ss.	Dk or Kekiktuk?	"	L, P	"
7073	Congl. (Ls. clasts)	"	"	F, C	"
7074	Congl.	"	"	L	"
7075	Mudstone-congl.	"	142° 05' & 68° 24' (Table Mtn.)	L, P	"
7076	Congl.	"	"	L	"
7077	Ss.-congl.	"	"	L	"
7078	Ls.	ML or Siksikpuk?	142° 02' W. & 68° 26' N., (Table Mtn. Quad.)	L, C	"
7079	Chert	"	"	L	"
7080	Ls.	"	"	L	"

P-0
F-21
C-12

SR-0
GEO-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
8011	Ls.	Lisburne	67° 35' & 145° 53'	L,F,C	S. Red Sheep Ck.
8012	"	"	"	L, C	"
8013	"	"	"	F	"
8014	"	"	"	L,F,C	"
8015	"	"	"	F	"
8016	"	"	"	L,F,C	"
8017	"	"	"	L, C	"
8018	"	"	"	L, C	"
8019	"	"	"	L,F,C	"
8020	"	"	"	"	"
8021	"	"	"	"	"
8022	"	"	"	"	"
8022	"	"	"	L, C	"
8023	"	"	"	L,F,C	"
8024	"	"	"	"	"
8025	"	"	"	"	"
8026	"	"	"	L, C	"
8027	"	"	"	F	"
8028	"	"	"	L,F,C	"
8029	"	"	"	"	"
8030	"	"	"	"	"
8031	"	"	"	"	"
8032	"	"	"	"	"
8033	"	"	"	"	"
8034	"	"	"	"	"

P-4
F-14
C-16
SR-1
6200

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
8035	Siltstone	Ivshak?	67° 35' & 145° 53'	L,F,C,	S. Red Sheep Ck.
8036	Ls.	Lisburne	"	"	"
8037	"	"	"	"	"
8038	"	"	"	"	"
8039	"	"	"	"	"
8040	"	"	"	"	"
8041	"	"	"	"	"
8042	"	"	"	"	"
8043	"	"	"	F	"
8044	"	"	"	L, C	"
8045	"	"	"	L,F,C.	"
8046	"	"	"	"	"
8047	Siltstone	Kayak?	"	L, C	E. Red Sheep Ck.
8048	Quartzite	"	"	L	"
8049	Shale	Kayak	"	P, Sr	"
8050	Sh.	"	"	P	"
8051	Ss. (quartzite)	"	"	L	"
8052	Sh.	"	"	P	"
8053	Ls.	"	"	L	"
8054	"	"	"	L,F,C	"
8055	Sh.	"	"	P	"
8056	Ls.	Lisburne	"	L,C,F	"
8057	"	"	"	L, C	"
8058	"	"	"	L,C,F	"

P-1
P-24
C-23
SR-1
685-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
8059	Ls.	Lisburne	T105, R29E (Arctic) 67° 35' N 145° 53' W	L, F, C	Flatrock C
8060	"	"	"	"	"
8061	"	"	"	"	"
8062	"	"	"	"	"
8063	"	"	"	"	"
8064	"	"	"	"	"
8065	"	"	"	F (coral)	"
8066	"	"	"	L, F, C	"
8067	"	"	"	"	"
8068	"	"	"	"	"
8069	"	"	"	"	"
8070	"	"	"	"	"
8071	"	"	"	"	"
8072	"	"	"	"	"
8073	"	"	"	"	"
8074	"	"	"	"	"
8075	"	"	"	"	"
8076	"	"	"	"	"
8077	"	"	"	Sr	"
8078	"	"	"	L, F, C	"
8079	"	"	"	"	"
8080	"	"	"	"	"
8081	"	"	"	"	"
8082	"	"	"	"	"
8083	Shale	Kayak	"	P	"
8084	Sh.	"	"	"	"

L-10
P-7
F-1
C-4
SR-3
GEO-1

Sample No.	Rock Type	Formation	Location	Purpose	Section
8085	Ls.	Kayak	70° 35' & 145° 53' <i>Nos. R29E (Arctic)</i>	L, C	Flatrock Ck.
8086	Sh.	"	"	P, Sr	"
FCH-635	Ss.	Kanayut	145° 05', 67° 58'	L	Grab
FCH-636	Ss. & Cht.	Dsg	143° 25', 67° 57'N	L	"
FCH-637	VOID NUMBER				
FCH-638	Mafic intru.	Igneous (Jm?)	SE cor. SW/4, R17E, T36N <i>Coleen Quad</i>	Geo.	Grab
FCH-639	Cht.	" (JPC)	Top 1/4 Bdry between R17E, R18E and 36N Coleen Quad.	L&f (radio- larians)	"
FCH-640	Ls.-dolo?	Lisburne	143° 68° 04'	L, C	"
FCH-641	Ls.-cht.	(D1)	C, E Bdry T35N R2W Chandalar	"	"
FCH-642	Meta. Phyllite	(Ds)	"	L	"
FCH-643	Meta. Ls.	Skajit	NW cor. R2E, T36N Chandalar	L, C	"
FCH-644	Ss.	(Ds)	"	L	"
FCH-645	Sh. (meta.)	Siksikpuk? (USGS)	C, 11S, 29E (Arctic Quad.)	P, Sr	"
FCH-646	Congl.	Kanayut	NE/4, 7S, 30E (Arctic Quad.)	L	"
FCH-647	Sh.	Ds	"	P	"
FCH-648	"	"	"	"	"
FCH-649	"	Kayak	NE/4, R32E, T8S (Arctic Quad.)	"	"
FCH-650	Congl.	Kanayut	NW/4, R32E, T11S (Arctic Quad.)	L	"
FCH-651	Sh.	Tr Dsc	C, R32, T12S (Arctic Quad.)	L, P	"
FCH-652	"	Kayak-Devonian	"	P, Sr	"
FCH-653	Siltstone & Ss.	"	"	L	"

L-10
 P-1
 F-18
 C-19
 S2-1
 650-0
 Purpose

Sample No.	Rock Type	Formation	Location	Purpose	Section
FCH-652A	Rexized ls.	Skajit	N 1/2, T15S, R27E (Arctic Quad.)	L, C	Grab
FCH-653A	"	"	"	F	"
FCH-654	"	"	"	C	"
FCH-655	"	"	T 14S, R27E (Arctic Quad.)	L, F, C	"
FCH-656	"	"	"	"	"
FCH-657	"	"	"	"	"
FCH-658	"	"	"	"	"
FCH-659	"	"	"	"	"
FCH-660	"	"	"	"	"
FCH-661	"	"	"	"	"
FCH-662	Cht, pebble, cgl.	Dsc	"	L	"
FCH-663	Phyllite	"	"	"	"
FCH-664	Rextalized ls.	D1F, Skajit	T 14S, R26E (Arctic Quad.)	F, C	"
FCH-665 2 bags.	"	"	"	"	"
FCH-666	"	"	"	"	"
FCH-667	"	"	"	"	"
FCH-668	"	"	"	"	"
FCH-669	"	"	"	"	"
FCH-670	"	"	T 14S, R25E (Arctic Quad.)	"	"
FCH-671	Shale	"	"	P & Sr	"
FCH-672	Rextalized Ls.	"	"	F, C	"
FCH-673	"	"	"	"	"
FCH-674	"	"	"	"	"

P-5
F-14
C-9
SR-3
68-0

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
FCH-675	Dk. argill. ls.	Skajit	13S, 21E (Philip Smith Quad)	L,C,F	Angry Bee Loc.
FCH-676	Shaly Ls.	"	"	P & Sr	"
FCH-677	Dk. Argill. ls.	"	"	F	"
FCH-678	"	"	"	"	"
FCH-679	"	"	"	P & Sr	"
FCH-680	"	"	"	L,C,F	"
FCH-681 (Float)	Yellow brn. foss. ls.	"	"	"	"
FCH-682	As in FCH-680	"	"	F	"
FCH-683 (Float)	As in FCH-681	"	"	"	"
FCH-684	fi ssile shale sl. meta?	Hunt Fork? within Skajit	"	P & Sr	"
FCH-685A	"	"	"	"	"
FCH-685B	"	"	"	"	"
FCH-686	Shale & sandy calc. nodules	"	"	F	"
FCH-687	Boundstone to packstone	Skajit	"	C, F	"
FCH-688	"	"	"	"	"
FCH-689	"	"	"	"	"
FCH-690	"	"	"	F	"
FCH-691 not in sack	"	"	"	"	"
FCH-692	"	"	"	C	"
FCH-693	"	"	"	F	"
FCH-694	"	"	"	C	"
FCH-695	Rx Ls.	"	W 1/2, 13S, 20E	F	Grab
FCH-696	"	"	"	C	"

P-2
F-9
C-9
SR-2
680-1

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
FCH-697	Slaty shale	Hunt Fork?	N 1/2 of 13S, 20E	P & Sr	Grab
FCH-698	Salt & pepper sandstone	Kanayut	"	L	"
FCH-699	rex. limestone	Skajit	"	C	"
FCH-700	Marble	"	N 1/2 of 34N, 6W (Chandalar Quad.)	L	"
FCH-701	"	"	35N, 6W (Chandalar Quad.)	L, C	"
FCH-702	rex. limestone	"	35N, 5W (Chandalar Quad.)	L, C, F	"
FCH-703	rex. limestone	"	34N, 5W (Chandalar)	L, C	"
FCH-704	Qtzite	Kanayut	W 1/2 of 14S, 32E (Arctic Quad.)	L	"
FCH-705	Congl.	"	S 1/2 of 14S, 32 E (Arctic Quad.)	L	"
FCH-706	Qtzite	"	NW/4 of 14S, 34E (Arctic Quad.)	L	"
FCH-707	Sh.	"	"	P, Sr	"
FCH-708	Mafic intr.	Igneous Intr.	E 1/2 of 13S, 34E (Arctic Quad.)	Geo.	"
FCH-709	Ls.	Lisburne	N 1/2, R46E, T5S (Demarcation Point)	L, C	Aspen Ck.
FCH-710	"	"	"	F	"
FCH-711	"	"	"	"	"
FCH-712	"	"	"	"	"
FCH-713	"	"	"	L, C, F	"
FCH-714	"	"	"	"	"
FCH-715	"	"	"	L, C	"
FCH-716	"	"	"	F	"
FCH-717	"	"	"	"	"
FCH-718	"	"	"	L, C, F	"

L-13
P-7
F-10
C-1
SR-2
GEO-D

<u>Sample No.</u>	<u>Rock Type</u>	<u>Formation</u>	<u>Location</u>	<u>Purpose</u>	<u>Section</u>
FCH-719	Shaley chert	Lisburne	N 1/2, R46E, T5S (Demarcation Quad.)	L	Aspen Ck.
FCH-720	Siliceous shale	Kayak?	"	L, F	"
FCH-721	"	"	"	L, P	"
FCH-722	Sh.	Kayak	"	P, Sr	"
FCH-723	Sh.	"	"	L	"
FCH-724	"	"	"	P, Sr	"
FCH-725	Tectonic breccia, ls. clasts	"	"	P, F	"
FCH-726	Congl.	Kanayut	NE/4, T5S, R46E (Demarcation Pt.)	L	Grab
FCH-727	Siltstone & mud- stone	P-R	68° 58' & 141° 22' (Table Mtn.)	P	Joe Ck.
FCH-728	Ls.	"	"	L	"
FCH-729	"	"	"	L, F	"
FCH-730	Ls. (semi-in situ)	"	"	"	"
FCH-731	Sh.	"	"	P	"
FCH-732	Ls. (float)	"	"	L, F	"
FCH-733	Ls.	"	"	"	"
FCH-734	Chert (silicified siltstone?)	"	"	L	"
FCH-735	"	"	"	"	"
FCH-736	Ls.	"	"	F	"
FCH-737	"	"	"	L, C	"
FCH-738	"	"	"	F	"
FCH-739	Ss.-siltstone	"	"	L	"
FCH-740	Ls. (float)	"	"	F	"
FCH-741	Siltstone	"	"	L, P	"
FCH-742	" (zoophycos)	"	"	F	"

L. Fuver

MEASURED SECTIONS - EAGLE AREA

SECTIONS	AGE - THICKNESS	LOCATION
F Limestone Hogback	Adams Arg.-McCann (1465')	30-NE 21- SW, 2N-33E
F McCann Hill ✓	Funnel Cr.-Nation R. (1400')	NE 15- SW NE, 1N-33E
Cabin Ck. ✓	Nation River Fm. (1020')	N. 1- NE NW, 4N-29E
F Nation Sect. ✓	Takandit-Top Nation R. (360')	NW 20- NW SW, 4N-30E
F Hardluck Sect.	Adams Arg.-Road River (640')	SW 6-NW-7 NW NW, 4N-32E
F Step Mtn.	Step Cong. (1510')	E 20- NE SW, 8N-31E
F Calico Bluff	Calico Bluff-Ford Lake Sh. (1515')	14-L- SW NE, 1N-32E
F Sta. 106 Sect. ✓	Adams Arg. (~200')	SW 36 SE SW, 2N-32E
F Jones Ridge Composite ✓	PG - Mid Dev. (1900')	SE 1-NE 7 NW, 3N-33E SW NE, 3N-33E 10-
TOTAL - 10,510		

mouth Tindir Ck sta. 113 Permian-Jurassic (420') SE 20-7N-31E
SW NE 21-7N-31E

Sta. 134 Composite ✓ Late Dev. - Perm.

⑤ Grab Samples

Total Porcupine Area
59 mega fossil grab samples
54 conodont grab samples

Total Eagle Area
13 megafossil grab samples
9 conodont grab samples

MEASURED SECTIONS - PORCUPINE RIVER

SECTIONS	AGE - THICKNESS	LOCATION
Amoco J. Section ✓	Early Mid. Dev. , 1820'	NW 29-130 SE, 25N-23E
South Old Camp (AO-1-71) ✓	Penn.-Mid Perm., 2200'	SE 13-18-E 21 SE, 27N-27E
Salmontrout Type ✓	Late Sil.-Early Mid Dev., 988'	SW 7-18 NE, 27N-28E
Fort Creek ✓	Early Ord.-Late Mid. Dev., 4140'	{ E 25-24N-30 E SW, 24N-31E
Coleen R. Section	Triassic, 775'	NE 14- NE, 31N-22E
Canalaska Mt. Section ✓	??, 1470'	3- NE, 29N-29E
Salmontrout River Sect. ✓	Late Sil.-Penn., 4200'	NW 19-SE 26 SE, 27N-28E
Salmontrout River Sect. ✓	Miss.(?)-Perm. }	{ - SE 34 SW, 27N-29E
Salmon Village Section ✓	Ord.-Mid Dev., 2595'	26-36- SE, 20N-24E
Linear Ridge Section ✓	Ord.-Mid (?) Dev., 3940'	NE 9-SW 10 NE, 24N-29E
Oolite Creek Section ✓	Dev.(?)-Miss.(?), 500'	67° 27' N, 140° 34' W
Repetition Ridge ✓	PE-Dev. - 2605'	66° 37' N, 140° 20' W

TOTAL 25,270

Miss Composite Sect. ✓ Miss. (320')

Grab Samples

SE 9-25N-20E
and

NE 22-25N-19E

EAGLE AREA
Grab Sample Location Index (1971)

STA.	LOCATION	SAMPLE NOS.	AGE
85	SW SW, 32-8N-20E	ARO 113C	? Sil.?
86	NW SE, 28-9N-19E	ARO 144 P Sr	??
105	~64°55'N-140°58'W	ARO 200 - ARO 211	McCann Hill Sect.
106	SW SW, 36-2N-32E		Sta. 106, Sect. 6
107	SW NE, 13-6N-32E	LCF 200 LC	PreCambrian??
108	~65°14'N-140°59'W	LCF 201 L	PreCambrian?
109	SW NE, 12-1N-31E	GWS 225 Cf, GWS 226 F, GWS 227 F	Permian
110	1-4N-29E	GWS 228 LP, GWS 229 L, GWS 230 P Sr, GWS 231 P Sr, GWS 232 P Sr	Late Dev. Cabin Sect.
111	NW NW, 7-4N-32E	LCF 202 F	Hard Luck Sect. 6.-Ord.
112	SE, 20-7N-31E	LCF 203 F, 204 P Sr, 205 F, 206 F, 207 P Sr., 208 P Sr., 209 L	Jur. (Sketch Sect.)
113	SW NE, 31-7N-31E	LCF 210 F, 211 P Sr, 212 Sr, 213 F	Tri. - Permian
114	SW SW, 32-7N-31E	----	Dev. (?)
115	SE NE, 5-8N-24E	----	E. Cretaceous
116	NW NE, 35-9N-23E	LCF 214 L	Permian (?) Cong.
117	NE NE, 13-8N-23E	LCF 215 C, LCF 216 C, LCF 217 C	Dev. ??
118	NW SW, 17-8N-24E	LCF 218 L	?
119	NE NW, 28-8N-24E	LCF 219 L	?
120	SW SW, 26-8N-24E	LCF 220 L	?
121	SE NW, 18-8N-24E	LCF 221 P Sr, 222 FC	Dev.
122	NE SW, 26-9N-22E	LCF 223 LC, LCF 224 LC	Sil. (??)
123	SW SE, 21-9N-22E	—	Cht. cong. Permian??
124	NW NE, 23-9N-22E	LCF 225 LC	PreCambrian (??)
125	NE SW, 26-8N-20E	LCF 226F, 227 P, 228 L	Late Dev.
126	SE NW, 13-5N-26E	LCF 229 P Sr, LCF 230 F	Jur.
127	SE SW, 13-5N-26E	LCF 231 P Sr	Jur.?
128	NW NW, 36-6N-27E	LCF 232 P Sr, 233 F, 234a L	E. Cretaceous
129	SW NW, 16-6N-27E	LCF 234 L, 235 P Sr, 236 P Sr, 237 P Sr	E. Cretaceous
130	NW, 18-5N-30E	LCF 238 F	Dev.
131	NW NW, 19-5N-30E	LCF 239 L	Cambrian (??)
132	NE SW, 32-7N-29E	LCF 240 L	E. Cretaceous
133	SE SE, 35-8N-30E	LCF 241 L	Late Devonian (?)
134	NW SE, 33-8N-30E	LCF 242 F, 243 P, 244 F, 245 P	Mississippian (?)
135	NE, 7-3N-33E	LCF 246-253, GWS 292-296	} Cambrian-Jones Ridge Comp.
136	NW, 10-3N-33E	LCF 254-261, GWS 297-305	

PORCUPINE AREA
Grab Sample Location Index

STA.	LOCATION	SAMPLES NOS.		AGE
1	SW, 23-31N-29E	HRL 1		Granite-Late Dev. (?)
2	NE, 3-31N-29E	----		Granite-Late Dev. (?)
3	SE, 5-31N-29E	HRL 2 P, HRL 3 CL, HRL 4 CL		Mississippian (?)
4	NE, 32-32N-28E	HRL 5 L		Late Dev. S.S. (?)
5	SW, 8-31N-28E	HRL 6 L		Late Dev. S.S. (?)
6	NW, 32-33N-27E	----		Granite-Late Dev. (?)
7	NE, 4-34N-26E	HRL 7 C		Mississippian (?) Carb.
8	SW, 15-36N-27E	HRL 8 FL		Miss. Lisburne
9	SE, 14-36N-27E	----		Quartzite S. S.
10		HRL 9 f, HRL 10 P		Silt & rhyolite (?)
10a	Fehl. 7082 Loc.	HRL 11 F, HRL 12 F		Miss. Lisburne
10b	67° 27' 25"N, 140° 40' W	----		Silic. Ls. (?)
10c	SW, 4-28N-28E	----		Sh. & Silt (?)
10d	S½, 30-28N-28E	LCF 19		Basalt
11	SE, 22-27N-27E	----	Added to S. Old Camp Section	{ Siltstn.-Permian Permian
12	SW, 16-27N-27E	GWS 1 F		
13	NW, 6-27N-26E	----		Dd unit U.S.G.S. (?)
14	C, 6-26N-24E	GWS 2 P, GWS 3 L		Late Dev. (??) Ss.
15	NC, 1-25N-23E	GWS 4 C		Dol. (?)
16	SE, 9-25N-20E	GWS 5 C, GWS 6 L, GWS 7 P, LCF 66 P		Miss. (?)
17	SE, 26-27N-22E	GWS 8 C		Ls. (?)
18	C, 20-25N-30E	GWS 9 fc		Rexyall Ls. (?)
19	NE, 6-24N-30E	GWS 10 fc		Rexyall Dol. (?)
20	SW 10 NE, 9-24N 29E	GWS 11 fc, GWS 12 F, GWS 13 F, GWS 14 FC, GWS 15 FC, GWS 16 F	}	Included in Linear Ridge Section
21	SE, 3-24N-29E	GWS 17 FC		
22	SW, 30-25N-29E	----		Dense Ls.
23	SE, 26-20N-24E	GWS 18 FC		Included in Salmon Vill. Se
24	SW, 24-22N-21E	GWS 19 C		?
25	SW SW, 31-22N-20E	----		Miss. (?) Quartzite
26	SC, 19-25N-31E	LCF 1 fc		Rexyall Ls. (?)
27	NE, 31-24N-31E	LCF 2 FC, LCF 3 FC, LCF 4 FC		Incl. in Ft. Ck. Sect.
28	SE, 1-22N-31E	LCF 5 L		Pre6 (?) Quartzite

STA.	LOCATION	SAMPLE NOS.	AGE
29	SE, 23-21N-29E	LCF 6 C	Rexyall Ls. (?)
30	WC, 22-20N-29E	LCF 7 P	Cret. (??)
31	SC, 34-18N-25E	LCF 8 C	Rexyall Ls.
32	NE, 27-16N-26E	LCF 9 FC, LCF 10 P, LCF 11 Sr, LCF 12 F	Permian
33	SC, 27-22N-23E	LCF 13 L	Permian (?) Miss. (?)
34	SE, 20-25N-23E	----	Incl. in Amoco J. Sect.
35	C, 6-24N-24E	LCF 14 F, LCF 15 P, LCF 16 L, LCF 17 P Sr, LCF 18 P	Permian
36	NE, 10-26N-24E	----	Fault Zone
37	WC, 12-25N-23E	ARO 1 FC	--
38	SE, 13-27N-27E	ARO 2 C, ARO 3 Sr, ARO 4 Sr, ARO 5 P, ARO 6 Cff, ARO 7 F, ARO 8 FC, ARO 9 FL, ARO 10 F, ARO 11 P, ARO 12 F	Included in South Old Camp Section
39	SE, 30-28N-28E	LCF 19 Geo. (same as Sta. 10d)	Amy. basalt
40	EC, 31-30N-30E	LCF 20 P, LCF 21 P, LCF 22 Geo.	?
41	NE, 21-30N-30E	LCF 23 C, LCF 24 P Sr, LCF 25 P Sr	?
42	SC, 22-30N-30E	LCF 26 CF	?
43	NE, 27-30N-30E	LCF 27 L	Quartzite (?)
44	NW, 16-29N-29E	LCF 28 C, LCF 29 P	?
45	NW, 2-29N-29E	LCF 30 Pf	?
46	E, 25&36-31N-29E	LCF 31 LC	Dev. (?)
47	C, 29-33N-23E	LCF 32 FC, LCF 33 FC	Lisburne
48	C, 6-31N-23E	LCF 34 Lfc	?
49	EC, 14-31N-22E	Coleen R. Section	Tri.
50	EC, 30-36N-19E	----	? Siksikpuk?
51	Same as Fehl. 7060	ARO 71 FC, ARO 71 F, ARO 72 F	E. Dev.
52	Crow's Nest Sec.	ARO 73 F	?
53	Angry Bumble Bee Section	ARO 74 F	Late Dev.
54	C, 1-29N-24E	ARO 75 L	Dev. (??)
55	NW, 36-27N-28E	LCF 35 F, LCF 36 Sr, LCF 37 P	Permian (?)
56	NE, 31-27N-29E	LCF 38 FC, LCF 39 FC, LCF 40 F	Permian (?)
57	EC, 33-27N-29E	LCF 41 P Sr, LCF 42 P Sr, LCF 43 fp	Permian (?)
58	SE, 34-27N-29E	LCF 44 P Sr, LCF 45 P	?
59	SE, 31-27N-29E	LCF 46 F	Permian (?)
60	SE, 32-27N-29E	----	Permian (?)
61	SW, 32-27N-29E	LCF 47 CF	Permian (?)
62	SE, 26-27N-28E	LCF 48 F, LCF 49 FCL	Miss. (?)


STA.	LOCATION	SAMPLE NOS.	AGE
63	SC, 32-26N-24E	----	Tri. ??
64	SW NE, 16-25N-21E	LCF 51 FC	Perm. ???
65	SW, 11-25N-21E	LCF 52 gas-oil leak	Sil (?) rx in bank
66	NE, 22-25N-22E	LCF 53 CF	?
67	SE, 30-29N-28E	FCH 779 P Sr	?
68	NW NE, 25-26N-27E	FCH 780 F, FCH 781 F	Cret. (?)
69	NC, 23-26N-25E	FCH 782 L	??
70	C, 1-26N-24E	FCH 783 F, FCH 784 P Sr	Permian (?)
71	EC, 23-25N-22E	LCF 54 Ff, LCF 55 FC	Ord. (?)
72	NW, 14-25N-22E	LCF 56 C, LCF 57 F	Early Dev. (?)
73	14-25N-21E	LCF 58 L, LCF 59 F, LCF 60 F, LCF 61 F, LCF 62 FC	Ord.-Sil.
74	SW, 11-24N-22E	LCF 63 L	Chert Peb. Cong. ??
75	NC, 19-24N-23E	LCF 64 C	Dolo. (??)
76	NW, 36-25N-21E	LCF 65 C	Ls. ??
77	NE, 22-25N-19E	LCF 67 FL	Miss. (?)
78	NE, 24-26N-23E	LCF 68 PC	?
79	SW, 36-28N-28E	LCF 69 C	?
80	NC, 20-28N-29E	LCF 70 C	?
81	SW, 28-28N-30E	LCF 71 FC, LCF 72 FC	Mid. Dev.
82	SC, 15-32N-27E	LCF 73 P Sr.	Dev. ??
83	NW SW, 14-32N-27E	LCF 74 F	Fault Slice Miss. (??)
84	NW NW, 17-22N-26E	LCF 82 FC	Dev.
87	SE SW, 33-26N-23E	LCF 99 CL	?
88	NE, 7-25N-23E	---	?
89	NC, 17-25N-22E	LCF 100 C	Dev. ???
90	SW SW, 19-25N-22E	LCF 101 LC	?
91	NW, 20-23N-22E	LCF 102 L	? Pq
92	SW SW, 5-22N-24E	----	? Pq
93	SW SW, 24-23N-24E	LCF 103 L	? Pq
94	SW SW, 14-23N-25E	----	? Pq
95	C, 14-22N-25E	LCF 104 P	?
96	SW SE, 10-22N-25E	LCF 105 L	? Pq (?)
97	NE NE, 1-26N-23E	LCF 106 P	?
99	66°34'N, 140°42'W	GWS 72 LF	---
100	66°36'40"N 140°24'W	GWS 73F	Pre6-Dev. (?) Repetition Ridge Sect.

STA.	LOCATION	SAMPLE NOS.	AGE
101	66°58'25"N 139°47'W	GWS 74 LC	?
102	67°27'40"N 140°34'W	GWS 75 F, 76 P, 77 LC, 78 F, 79 L, 80 L	Oolite Ck. Sect.-Miss. (??)
103	67°25'10"N 140°50'W	GWS 81 P	?

SAMPLE REGISTER - PORCUPINE AREA (1971)

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
IRL 1	Igneous	Old Crow Granite	E½, 31N-29E	Geochrom	Grab.	
2	Sh.-phyllite	Kayak?	NW¼, 31N, 29E	P	"	
3	Sdy Ls.	Lisburne	"	C,L	"	
4	Ls (meta)	"	"	C,L	"	
5	Qtzite	Pzq Kanayut?	SW¼, T32N,R28E	L	"	
6	Qtzite	" ?	NW¼, 31N-28E	L	"	
7	Ls.	Lisburne?	N½, 34N-26E	C	"	
8	Ls.	Lisburne	C, 36N-27E	F,L	"	
9	Ls.	Kayak?	68° 18' N & 141° 20' W	f	"	
10	Siltstn.	"	"	P	"	
11	Ls.	Lisburne	68° 28' N & 141° 50' S	F	"	
12	Ls.	"	"	F	"	
13	Shale	Unnamed graptolitic shale	NW¼, 27N-28E	L	Type Salmon Trout Ls.	
14	Shale	"	"	P,L	"	
15	Shale	"	"	P,L	"	
16	Shale	"	"	P,L	"	
17	Ls.	"	"	C,L,F	"	
18	Ls.	"	"	C,L	"	
19	Shale	"	"	P,L	"	
20	Ls.	"	"	C,L	"	
21	Ls.	"	"	C,L	"	
22	Shale	"	"	F	"	
23	Shale	"	"	P,L	"	
24	Ls.	"	"	C,L	"	
25	Ls.	"	"	C,L	"	
26	Shale	"	"	P,L	"	
27	Ls.	"	"	C,L	"	
28	Ls.	"	"	F,C,L	"	
29	Ls.	"	"	C,L	"	
30	Shale	"	"	P,L	"	
31	Shale	"	"	P,L	"	
32	Ls.	"	"	C,L	"	
33	Ls.	Salmon Tr. Ls.	"	F,C,L	"	
34	Ls.	"	"	F,C,L	"	
IRL 35	Ls.	"	"	F,C,L	"	

AMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
RL 36	Ls.	Salmon Tr. Ls.	NW 1/4, 27N-28E	F,C,L	Type Salmon Tr.	Ls.
37	Ls.	"	"	F,C,L	"	
38	Ls.	"	"	F,C,L	"	
39	Ls.	"	"	F,C,L	"	
40	Ls.	"	"	F,C,L	"	
41	Ls.	"	"	F,C,L	"	
42	Ls.	"	"	F,C,L	"	
43	Ls.	"	"	F,C,L	"	
44	Ls.	"	"	F,C,L	"	
45	Ls.	"	"	F,C,L	"	
46	Ls.	"	"	F,C,L	"	
47	Ls.	"	"	F,C,L	"	
48	Ls.	"	"	F,C,L	"	
49	Ls.	"	"	F,C,L	"	
50	Ls.	"	"	F,C,L	"	
51	Ls.	"	"	F,C,L	"	
52	Ls.	"	"	F,C,L	"	
53	Ls.	"	"	F,C,L	"	
54	Ls.	"	"	F,C,L	"	
55	Ls.	"	"	F,C,L	"	
56	Ls.	"	"	F,C,L	"	
57	Ls.	"	"	F,C,L	"	
58	Ls.	"	"	F,C,L	"	
59	Ls.	"	"	F,C,L	"	
60	Ls.	"	"	F,C,L	"	
61	Ls.	"	"	F,C,L	"	
62	Ls.	"	"	F,C,L	"	
63	Ls.	"	"	F,C,L	"	
NO 1	Dol.	Dd	NE, 25N-21E	CF	Grab.	
0-1-71 ed 1	Ls.	Ps Ettrain?	SE, 27N-30E	F	South Old Camp	
0-1-71 ed 2	Ls.	"	"	F	"	
0-1-71 ed 3	Ls.	"	"	F	"	
0-1-71 ed 4	Ls.	"	"	C,F,F	" (3 samples)	
0-1-71 ed 5	Ss, -Ls.	"	"	F&E	" (2 samples)	
0-1-71 ed 6	Ss.	??	"	F	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
AO-1-71 Bed 7	Ls.	Ps Ettrian?	SE, 27N-30E	F	South Old Camp	
AO-1-71 Bed 8	Sh.	"	"	P	"	
AO-1-71 Bed 10	Ss.-Ls.	Permian?	"	F	"	
AO-1-71 Bed 11	Sh	"	"	P	"	
AO-1-71 Bed 14	Sh & Calc silt.	"	"	F,P	" (2 samples)	
AO-1-71 Bed 15	Sh	"	"	P,F	" (2 samples)	
AO-1-71 Bed 16	Sh - Silt.	"	"	F,P,F,F,	" (4 samples)	
ARO 2	Ls.	Pcl.	SESE, 27N-27E	C	Grab.	
3	Sh.	Pcl	"	SR	"	
4	Sh.	Pcsc (?)	"	SR	"	
5	Sh.	"	"	P	"	
6	Ls.	"	"	Cf,F	"	
7	Ls.	"	"	F	"	
8	Ls.	"	"	F,C	"	
9	Dol.-Ls.	Dd	"	FC	"	
10	Dol	"	"	CF	"	
11	Sh.	Pcl	"	P	"	
12	Ls.-Sh.	Pcl	"	F	"	
13	Ls.-Cht.	Pcl	"	F	"	
ARO 71	Ls.	Dev. reef	7060 of Fehlmann	F	Grab.	
72	Limey Sh.	Hunt Fork	"	ff	"	
73	Ls. cong.	Skajit	Crows nest Crk.	F	"	
74	Ls.	Dev. Reef	Angry Bumble Bee	F	"	
75	Quartzite		NE, 29N-24E	L	"	
ARO 57	Sh.	Salmon Trout	NW, 27N-28E	F	Type Salmon Trout	
58	Sh.	"	"	F	"	
59	Ls.	"	"	F	"	
60	Ls.	"	"	F	"	
61	Sh.	"	"	F	"	
62	Ls.	"	"	F	"	
63	Ls.	"	"	F	"	
64	Sh.	"	"	F	"	
65	Ls.	"	"	F	"	
ARO 17	Dol.	Ord. (?) 60L	SE, 24N-30E SW, 24N-31E	L	Fork Crk Section	
18	Dol.	60L	"	L	"	

AMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
ARO 19	Ls.	GOL	SE, 24N-30E SW, 24N-31E	LC	Fort Crk. Section	
20	Dol.	"	"	L	"	
21	Ls.	"	"	FC	"	
22	Ls.	"	"	F	"	
23	Ls.	"	"	FC	"	
24	Ls.	St (?)	"	FC	"	
25	Ls.	"	"	FC	"	
26	Ls.	St	"	C	"	
27	Ls.	"	"	FC	"	
28	Ls.	"	"	LF	"	
29	Ls.	"	"	F	"	
30	Ls.	"	"	F	"	
31	Ls.	"	"	FC	"	
32	Ls.	"	"	F	"	
33	Ls.	"	"	LC	"	
34	Ls.	"	"	F	"	
35	Ls.	"	"	F	"	
36	Ls.	"	"	F	"	
37	Ls.	"	"	L	"	
38	Ls.-Dol.	"	"	C	"	
39	Ls.-Dol.	"	"	F	"	
40	Dol.	"	"	C	"	
41	Dol.	"	"	F	"	
42	Ls.	"	"	C	"	
43	Dol	"	"	CL	"	
44	Ls.	"	"	LC	"	
45	Dol.	D $\frac{1}{2}$ (?)	"	F	"	
46	Ls.	"	"	F	"	
47	Ls.	"	"	F	"	
48	Ls.	"	"	F	"	
49	Ls.	"	"	C	"	
50	Ls.	"	"	FC	"	
51	Ls.	"	"	FL	"	
52	Ls.	"	"	LC	"	
ARO 53	Ls.	"	"	F	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
ARO 54	Ls.	Dl	SE, 24N-30E	FC	Fort Crk. Section	
55	Dol.	Dl	"	LC	"	
56	Dol.	"	"	LC	"	
66	Ls.	Salmon Trout	NW, 27N-28E	F	Type Salmon Trout	
67	Ls.	"	"	F	"	
68	Ls.	"	"	F	"	
69	Ls.-Sh.	"	"	F	"	
70	Ls.	"	"	F	"	
76	Sh.	Just above Salmon Trout	CW, 27N-28E	F	Grab above Salmon Trout	
77	Ls.	Dss	"	F	Salmon Trout R. Sect.	
78	Ls.	Dss	"	FC	"	
79	Ls.	Dss	"	FC	"	
80	Ls.	Dss	"	F	"	
81	Siltstn.	Dss	"	PC	"	
82 fault	Ls.	Dss	"	CF	"	
83	Sh.	Dss	"	P	"	
84	Dol.	Dd	"	L	"	
85	Ls.	Salmon Trout	NW, 27N-28E	F	Type Salmon Trout	
86	Ls.-sh?	"	"	F	"	
87	Ls.	?	S/2, 27N-28E	C	Salmon Trout R. Sect.	
88	Ls.	?	"	F	"	
89	Ls.	"	"	LC	"	
91	Ls.-Ss	"	"	LF	"	
92	Ls.	"	"	L	"	
93	Sh.	"	"	P	"	
90	Chert	"	"	L	"	
94	Chert	"	"	L	"	
95	Dol.	"	"	LF	"	
96	Dol.	"	"	L	"	
97	Dol.	"	"	L	"	
98	Dol.-Ls.	"	"	L	"	
99	Chert-dol.	?	S/2, 27N-28E	L	Salmon Trout R. Sect.	
100	Ls.	"	"	C	"	
101	Sh.	"	"	P	"	
ARO 102	Ls.	"	"	FC	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
ARO 103	Ls.-Sh.	Salmon Trout	S/2, 27N-28E	PL	Salmon Trout P. Sect.	
104	Ls.	"	"	CF	"	
105	Sh.	?	"	F	"	
106	Dol.	?	"	L	"	
107	Dol.-Ls.	"	"	CL	"	
108	Ls.	Salmon Trout	"	FC	"	
109	Ls.	"	"	F	"	
110	Ls.	"	"	F	"	
111	Ls.	"	"	L	"	
112	Ls.	"	"	F	"	
113	Ls.	?	Charley R. Quad SW, 8N-20E	C	Grab.	
114	Sh.	?	Charley R. Quad CS, 9N-19E	P Sr.	Grab.	
GWS 1	Siltstn. Sh. Ls.	Ps	C, 27N-27E Coleen Quad	F	Grab.	
2	Shale	Pzq, Late Dev.?	NW $\frac{1}{2}$, 26N-24E Coleen Quad	P	"	
3	Quartzite	Pzq, Late Dev.?	"	L	"	
4	Dolomite	Dd	Coleen Quad NE $\frac{1}{2}$, 25N-23E	C	"	
5	Siltstn.	PCs?	N $\frac{1}{2}$, 25N-20E Coleen Quad	C	"	
6	Quartzite	PCs?	"	L	"	
7	Carbonaceous Shale	PCs	"	P	"	
8	Ls.	DLs	SE $\frac{1}{2}$, 27N-22E Coleen Quad	C	"	
9	Ls.	6 OL	N $\frac{1}{2}$, 25N-30E BIR Quad	F, C $\frac{1}{2}$	"	
10	Dolomitic Ls.	6 OL	NW $\frac{1}{2}$, 24N-30E BIR Quad	F, C $\frac{1}{2}$	"	
11	Dolomite	D1 - 6 OL	CN $\frac{1}{2}$, 24W-29E Quad	F, C $\frac{1}{2}$	"	
12	Dolomite	"	"	F	"	
13	Dolomite	"	"	F	"	
14	Dolomite	"	"	F, C	"	
15	Dolomite	"	"	F, C	"	
16	Dolomite	"	"	F	"	
17	Ls.	D1	N $\frac{1}{2}$, N $\frac{1}{2}$, 24W-29E BI. R Quad	F, C	"	
18	Ls.	DC1	SE $\frac{1}{2}$, 20N-24E BI. R QUAD	F, C	"	
19	Dolomitic Ls.	DC1	SE $\frac{1}{2}$, 22N-21E BI. R Quad	C	"	
20	Ss.	D61 or D7	SW, 25N-23E	L (plug)	Amoco J. Sect.	
21	Ss.	"	"	L	"	
22	Dol.	"	"	LC	"	
GWS 23	Ls.	"	"	LC	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
GWS 24	Dol.	DG1	SW, 25N-23E	CL	Amoco J. Sect.	
25	Dol.	"	"	LC	"	
26	Ss	"	"	L	"	
26a	Ss	"	"	?	"	
27	Dol.	"	"	CL	"	
28	Dol.-Ss.	" or Dd	"	C	"	
29	Dol.	"	"	F.f	"	
30	Dol.	"	"	flc	"	
31	Dol.	"	"	F	"	
32	Dol.	"	"	LF	"	
33	Sh.	"	"	P	"	
34	Dol.	"	"	C	"	
35	Dol.	"	"	CF	"	
GWS 20	Ss.	Dq	SW, 25N-23E	L(+lug)	Amoco J.	
21	Ss.	Dq	"	L	"	
22	Dol.	"	"	LC	"	
23	Ls.	"	"	LC	"	
24	Dol.	"	"	LC	"	
25	Dol.	"	"	LC	"	
26	Ss.	"	"	L	"	
27	Ss.	"	"	LC	"	
28	Silty. dol.	Dd	"	C	"	
29	Dol.	"	"	Ff	"	
30	Dol.	"	"	flc	"	
31	Dol.	"	"	F	"	
32	Dol.	"	"	LF	"	
33	Sh.	"	"	P	"	
34	Dol.	"	"	C	"	
35	Dol.	"	"	CF	"	
36	Dol.	Dol or Dd	SW 25N 23E	CL	Amoco J	
37	Silty. dol.	"	"	L	"	
38	Dol.	"	"	F	"	
39	Dol.	"	"	CF	"	
40	Dol.	"	"	CF	"	
GWS 41	Dol.	"	"	F	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
BWS 36	Dol.	Dol.	SW, 25N-23E	GL	Amoco J.	
37	Dol.	"	"	L	"	
38	Dol.	"	"	F	"	
39	Dol.	"	"	CF	"	
40	Dol.	"	"	CF	"	
41	Dol.	"	"	F	"	
GWS 42	Ls.	Ord.	NC, 24N-29E	FC	Linear Ridge Sect.	
43	Ls.	"	"	LC	"	
44	Ls.	"	"	C	"	
45	Ls.	"	"	L	"	
46	Ls.	"	"	L	"	
47	Dol.	"	"	L	"	
48	Dol.	Sil.	"	F	"	
49	Dol.	"	"	L	"	
50	Dol.	"	"	FC	"	
51	Dol.	"	"	FC	"	
52	Sh.-Ls.	"	"	LC	"	
53	Sh.	"	"	L	"	
54	Ls.	"	"	F	"	
55	Ls.	"	"	F	"	
56	Ls.	"	"	F	"	
57	Ls.	"	"	FCL	"	
58	Ls.	Salmon Trout	"	LCF	"	
59	Ls.	"	"	LCF	"	
60	Ls.	"	"	LCF	"	
61	Ls.	"	"	LCF	"	
62	Ls.	"	"	LCF	"	
63	Ls.	"	"	LCF	"	
64	Ls.	"	"	LCF	"	
65	Ls.	"	"	FC	"	
66	Sh.	"	"	FC	"	
67	Ls.	"	"	F	"	
68	Ls.	"	"	LCF	"	
69	Ls.	"	"	F	"	
GWS 70	Ls.	"	"	C	"	

WPIE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
WS 71	Ls.	Salmon Trout	NC, 24N-29E	C	Linear Ridge Sect.	
72	Ls.	Ogilvie Olig. lites	66° 35'N 140° 40'W	LF	Grab.	
73	Ls.	Ord. (?)	66° 38'N 140° 25'W	F	"	
74	Ls.	?	66° 58'N 139° 45'W	LC	"	
75	Ls.	?	67° 28'N 140° 35'W	F	Oolite Ck. Sect.	
76	Sh.	?	"	P	"	
77	Ss.	?	"	LC	"	
78	Quartzite float	?	"	F	"	
79	Ss.	?	"	L	"	
80	Ss.	?	"	L	"	
81	Sh.	?	67° 25'N 140° 50'W	P	Grab.	
Remotion Ridge Samples						
81M	Qtz.	PS.	66° 37'N 140° 20'W	L	Remotion Ridge	
82	Dol.	?	"	L	"	
83	Dol.	?	"	L	"	
84	Dol.	"	"	L	"	
85	Dol.	"	"	L	"	
86	Dol.	"	"	LC	"	
87	Ls.	"	"	LC	"	
88	Ls.	"	"	L	"	
89	Ls.	"	"	LCF	"	
90	Ls.	"	"	FC	"	
91	Ls.	"	"	C	"	
92	Ls.	"	"	F	"	
73	Ls.	"	"	F	"	
93	Ls.	Gossage	"	LC	"	
94	Ss.	"	"	L	"	
95	Sh. silt.	"	"	P	"	
96	Ls.	Ogilvie	"	LC	"	
97	Ls.	"	"	LC	"	
98	Sh.-silt	"	"	P	"	
99	Ls.	??	"	LC	"	
LCF 1	Ls	Sl	SW, 25N-31E Black Rv. Quad	F,C	Grab.	
2	Ls.	"	"	F,C	"	
3	Ls.	"	"	F,C	"	

AMPIE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTION	REMARKS
LCF 4	Ls.	S1	SW $\frac{1}{4}$, 24N-31E Black Rv. Quad	F,C	Grab.	
5	Qtzite	p6q	NE $\frac{1}{4}$, 22N-30E	L	"	
6	Ls.	D61	SE $\frac{1}{4}$, 21N-29E C of 20N-29E	C	"	
7	Ss.	KJs?	(Black River)	P	"	
8	Ls.	D61	SE $\frac{1}{4}$, 18N-25E	C	"	
9	Argill. Ls.	PCs	SE $\frac{1}{4}$, 16N-26E (Black River)	F,C	"	
10	Limey Shale	"	"	P	"	
11	Limey Shale	"	"	SR	"	
12	Argill. Ls.	"	"	F	"	
13	Ss.	Pq	SE $\frac{1}{4}$, 22N-23E (Black River)	L & plug	"	
14	Silty-Arg. Ls.	PCs	SW 24N-24E (Black River)	F	"	
15	Carbon Sh.	"	NW 24N-24E "	P	"	
16	SS.	"	"	L	"	
17	Carb. Sh.	"	"	P, Sr.	"	
18	Kaolinitic Sh.	"	"	P	"	
19	Basalt	Tert.-Quat Vol.	SW, 28N-28E	Geochron	"	
20	—	Pz1	SW, 30N-30E	C(?)	"	
21	Black Sh.	Pz1	"	P	"	
22	Diorite	Intrusive		Geochron	"	
23	Dol.	Pz1 (?)	NE SW, 30N-30E	C	"	
24	Carb. Sh.	Pz1	"	P	"	
25	Carb. Sh.	Pz1	"	P	"	
26	Dol.	Pz1 or Pzq	"	CF	"	
27	Quartzite	Pzq	"	L	"	
28	Dol.	Pzd or Pz1	SE NW NE SW, 29N-29E	C	"	
29	Black Sh.	Pz1	"	P	"	
30	Dol.	Pz1 or Pzq	NE, 29N-29E	Pf	"	
31	Carb.	Pza	SE, 31N-29E	LC	"	
32	Ls.	Lisburne	SW, 33N-23E	FC	"	
33	Ls.	"	"	FC	"	
34	Ss. Sh.	Siksikpuk(?)	NW, 31N-23E	LfC	"	
35	Ls.	JP's	SE, 27N-28E	F	"	
36	Sh.	"	"	Sr.	"	
37	Sh.	"	"	P	"	
			SW 27N-29E	FC	Grab.	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
LCF 39	Ls.	JPs	SW, 27N-29E	FC	Grab.	
40	Ls.	"	"	F	"	
41	Sh.	"	C-S, 27N-29E	P, Sr.	"	
42	Sh.	"	"	P, Sr.	"	
43	Dol.-Sh.	"	"	fP	"	
44	Sh.	"	SE, 27N-29E	P, Sr.	"	
45	Sh.	"	"	P	"	
46	Dol.	"	SW, 27N-29E	F	"	
47	Dol.	"	"	CF	"	
48	Sandy Ls.	Pcl	SE, 27N-28E	F	"	
49	Chert-Ls.	Dd	"	FCL	"	
51	Dol. Sh.	?	NW, 25N-21E	FC	"	
52	Gas-oil	from dol. (?)	NE, 25N-21E	Analysis	Am. Strat.	
53	Ls.	COS1	SE, 25N-22E	CF	Grab-	
54	Dol.-Ls.	?	SE, 25N-22E	Ff	Grab.	
55	Ls.	?	"	FC	"	
56	Ls.	Salmon Trout	NE, 25N-22E	C	"	
57	Ls.	"	"	F	"	
58	Dol.	??	NE, 25N-21E	L	"	
59	Ls.	??	"	F	"	
60	Sh.	Road River	"	F	"	
61	Sh.	"	"	F	"	
62	Ls.	?	"	FC	"	
63	Cong.	Nationa River(?)	NE, 24N-22E	L	"	
64	Dol.		SW, 24N-23E	C	"	
65	Ls.	Dd(?)	SE, 25N-21E	C	"	
66	Sh.	Miss.?	NW, 25N-20E	P	"	
67	Ss-qtz.	"	NW SE, 25N-19E	FL	"	
68	Ls.	Pz1	SE, 26N-23E	PC	"	
69	Ls.	—	SE, 28N-28E	C	"	
70	Ls.	—	SE, 28N-29E	C	"	
71	Ls.	Dls.	SW, 28N-30E	FC	"	
72	Ls.	Dls.	"	FC	"	
73	Sh.	Huntfork (?)	C, 32N-27E	P Sr.	"	
74	"	??	NW 32N-27E	F	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
LCF 75	Ls.	Float (Ps)	SE, 27N-27E	F	(Cont.) South Old Camp	
76	Sh.	Ps	"	P	"	
77	Sh.	Ps	"	P	"	
78	Sh. - Ls.	"	"	F	"	
79	Sh. - Ls.	Ps	NW, 27N-27E	F	"	
80	Silt-Ls.	Ps	"	F	"	
81	Silt-Ls.	"	"	F	"	
98	Ls.	Ord.	SE, 20N-24E	C	Salmon Village Sect.	
97	Dol.	"	"	F	"	
95	Ls.	"	"	F	"	
96	Ls.	"	"	F	"	
84	Ss.-Dol.	Dev. (?)	"	FC	"	
83	Sh.	Delor ^{ne} Early Dev.	"	F	"	
85	Dol.	Delor ^{ne}	"	F	"	
86	Ls.	"	"	C	"	
87	Ls.	"	"	FC	"	
88	Ls.	"	"	FC	"	
89	Ls.	"	"	F	"	
90	Ls.	?	"	FC	"	
91	Ls.	?	"	F	"	
92	Cht.-Ls.	?	"	L	"	
93	Slt.-Ls.	?	"	F	"	
94	Ls.	?	"	F	"	
82	Ls.	Dd	NW, 22N-2 ⁴ ₅ E	FC	Grab.	
99	Dol.	?	SW, 26N-23E	CL	"	
100	Ls.	?	NW, 25N-22E	C	"	
101	Dol.	?	SW ^W SQ, 25N-22E	LC	"	
102	Quartzite	Pq	SW, 23N-22E	L	"	
103	Quartzite	Pq	SE, 23N-24E	L	"	
104	Sh.	?	NE, 22N-25E	P	"	
105	Quartzite	Pq	NE, 22N-25E	L	"	
106	Sh.	Permian (?)	NE, 31N-22E	P	"	
FCH 743	Siltstn.	Shublik	SE, 3 ¹ ₁ N-22E	L	Coleen R. Sect.	
744	Ss.	"	"	L	"	
745	Siltstn.	"	"	Pf	"	

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SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	REMARKS	NOTES	REMARKS
ARO 200	Ls	Funnel Ck.	NE, T1N, R33E	L	McCann Hill	
201	Ls	" "	"	L	" "	
202	Ls	" "	"	L	" "	
203	Ls, Cong.	Hilliard	"	L	" "	
204	Ls	"	"	LC	" "	
205	Cong.	Nation River	"	L	" "	
206	Siltstn.	" "	"	P	" "	✓
207	Shales	" "	"	P	" "	✓
208	Sh.	McCann Cht.	"	P	" "	
209	Cong.-ss.	" "	"	L	" "	
210	Sh.	" "	"	P	" "	
ARO 211	Cak. sh.	" "	"	F	" "	
ICE 200	dol	Pre-Cambrian	SE NE, 6N-32E	LC	Grab.	
201	Dol.	Pre-Cambrian	SW, 5N-33E	L	Grab.	
202	Ls.	Hilliard	SW, 4N-32E	F	Grab.	
203	Ls. Concre.	Glenn Sh.	NE SW, 7N-31E	F	Grab.	
204	Sh.	Glenn Sh. Juv.	"	P Sr.	"	X L
205	Ls. Concre.	" "	"	F	"	
206	Ls. Concre.	" "	"	F	"	
207	Sh.	" " Juv.	"	P Sr.	"	X
208	Sh.	" " Juv	"	P Sr.	"	X
209	Ss.	??	"	L	"	Sketch Section
210	Argill. Ls	Tri.-Glenn Sh.	SW SW, 7N-31E	F	Grab.	
211	Sh.	" Tri.	"	P-Sr.	"	X L
212	Argill. Ls	" Tri.	"	Sr.	"	X
213	Ls.	Takondit	"	F	"	
214	Cong.	Step Cong??	SE SE, 9N-23E	L	Grab.	
215	Ls.	Dev.?	SE NE, 8N-23E	C	"	
216	Ls.	" "	"	C	"	
217	Ls.	"	"	C	"	
218	Cong.	?	SW NE, 8N-24E	L	"	
219	Ss	Ps Unit of GS	SE SW, 8N-24E	L	"	
220	Quartzite	?	SW SE, 3N-24E	L	"	
221	Sh	Dev.	SW NE, 8N-24E	P Sr.	"	X
ICE 222	Ls	"	"	C	"	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
LCF 223	Dol.	Sil. of Conrad	SE, 9N-22E	LC	Grab.	
224	Ls. breccia	" "	"	LC	"	
225	Dol.	Pre-Cambrian?	SW NE, 9N-22E	LC	"	
226	Ss	Ps of USGS??	C SE, 8N-20E	F	"	
227	Sh	Ps at USGS??	"	P	"	
228	Ss	" "	"	L	"	
229	Sh	Glenn Sh <i>Jur</i>	SE NE, 5N-26E	P Sr.	"	X
230	Sh	"	"	F	"	
231	Sh	Glenn Sh. <i>Jur</i>	SE NE, 5N-26E	P Sr.	"	X
232	Sh	<i>Early Crat</i> Biederman Arg.	SE SE, 6N-27E	P Sr.	"	X
233	Siltstn.	"	"	F	"	
234A	Quartzite	Keenan Quartz	"	L	"	
234 (float)	Ss	Biederman or Kathul	SE NW, 6N-27E	L	"	
235	Sh	<i>E. Crat.</i> Biederman	"	P Sr.	"	<i>The se two sam could be revers</i>
236	Sh.	Kathul <i>E. Crat.</i>	"	P Sr.	"	
237	Sh.	Kathul <i>E. Crat.</i>	"	P Sr.	"	X
238	Ls	McCann Hill	SW NW, 5N-30E	F	"	
239	Siltstn.	Adams Arg.	SW NW, 5N-30E	L	"	
240	Quartzite	Keenan Quartz.	NW SE, 7N-29E	L	"	
241	Cong.	Nation Rv.	SE SE, 8N-30E	L	"	
242	Sh.	Ford Lake Sh.	SE SW, 8N-30E	F	"	
243	Sh.	" <i>W. L.</i>	"	P	"	✓
244	Ss	"	"	F	"	
245	Sh	" <i>L</i>	"	P	"	✓
246	Dol.	<i>Ls</i> Jones Ridge Sh.	NW, 3N-33E	L	Jones Ridge Corr.	
247	Dol.	"	"	L	"	
248	Dol.	"	"	L	"	
249	Dol.-Ls.	"	"	L	"	
250	Dol.-Ls.	"	"	FC	"	
251	Dol.-Ls.	"	"	F	"	
252	Ls.	"	"	F	"	
253	Ls.	"	"	F	"	
254	Ls.	Jones Ridge Ls.	SW NE, 3N-33E	F	Jones Ridge Corr/	
255	Ls.	"	"	CF	"	
LCF 256	Ls.	"	"	CF	"	

CAMPUS NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
LCF 257	Ls.	Jones Ridge Ls.	SW NE, 3N-33E	C	Jones Ridge Conn.	
258	Ls.	"	"	C	"	
259	Ls.	"	"	CF	"	
260	Ls.	"	"	CF	"	
261	Ls.	"	"	C	"	
262	Sh.	Ford Lake Sh.	SW NE, 1N-32E	P	Calico Bluff Sect.	✓
263	Sh.	" <i>MISS.</i>	"	P Sr.	"	X ✓
264	Sh.	"	"	P	"	
265	Sh.	"	"	P	"	✓
266	Sh.	" <i>MISS.</i>	"	P Sr.	"	X
267	Sh.	" <i>MISS.</i>	"	P Sr.	"	X ✓
268	Siltstn-Sh	"	"	F	"	
269	Siltstn.	"	"	F	"	
270	Silty Ls.	"	"	FCf	"	
271	Sh.	" <i>MISS.</i>	"	P Sr.	"	X
272	Ls.	"	"	FCf	"	
273	Ls.	"	"	FCf	"	
274	Sh.	"	"	P	"	
275	Ls.	"	"	F	"	
276	Ls.	Calico Bluff	"	Cf	"	
277	Ls.	"	"	Cf	"	
LCF 278	Ls.	"	"	Cf	"	
GWS 200	SS-Sh.	Adams Argill.	SE, 2N-32E	L	Section 106	
201	Ss	"	"	L	"	
202	Ss	"	"	L	"	
203	Ls, cong.	Hilliard	"	F	"	
204	Sh.-silt	Adams Agill	SW, 2N-33E	L	Limestone Hogback	
205	Quartzite	"	"	L	"	
206	Ss	"	"	L	"	
207	Ls	"	"	F	"	
208	Ls	Hilliard	"	F	"	
209	Ls cong.	"	"	F	"	
210	Ls cong.	"	"	L	"	
211	Ls' cong.	"	"	F	"	
GWS 212	Chert	Road River	"	L	"	

AMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
GWS 224	Sh (float)	Road River	SW, 2N-33E	F	Limestone Hogback	
222	Sh	"	"	F	"	
221	Ls.	Road Riv., McCann	"	F	"	
223	Ls.	"	"	F	"	
220	Sh.	McCann Hill <i>Dew.</i>	"	P Sr.	"	X
219	Ls.	"	"	F	"	
218	Sh. (float)	"	"	F	"	
217	Sh	" <i>Dew.</i>	"	P Sr.	"	X ✓
216	Sh.	"	"	F	"	
215	Sh.	" <i>Dew.</i>	"	P Sr.	"	X
214	Sh.	"	"	L	"	
213	Pebbles, Mudstr.	"	"	L	"	
225	Ls.	Permian	Sta. 109	<i>Cf</i>	Grab.	
226	Ls.	"	"	F	"	
227	Ls.	"	"	F	"	
228	Cong.	Nation River	NE, 4N-29E	LP	Cabin Sect.	✓
229	Cong.	"	"	L	"	
230	Sh.	" <i>Dew.</i>	"	P Sr.	"	✓ X
231	Sh.	" <i>Dew.</i>	"	P Sr.	"	X
232	Sh.	" <i>Dew.</i>	"	P Sr.	"	✓ X
233	Ls.	Takandit	NW SW, 4N-30E	F	Nation Sec.	
234	Ls.	"	"	F	"	
235	Ls.	"	"	LC	"	
236	Ls.	"	"	F	"	
237	Ls.	"	"	F	"	
238	Ls.	"	"	F	"	
239	Ls.	"	"	F	"	
240	Ls.	"	"	FC	"	
241	Ls.	"	"	F	"	
242	Ls.	"	"	F	"	
GWS 243	Ls.	"	"	F	"	
244	Ls.	"	"	F	"	
245	Cong.	"	"	IF	"	
246	Cong.	Nation R.	"	L	"	
248	Ls. cong.	Hillard	NW NW, 4N-32E	L	Hard Luck Sec.	

SAMPLE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	REMARKS
GWS 247	Ls.	Hilliard	NW NW, 4N-32E	F	Hard Luck Sect.	
249	Ls.	Road R.	"	LC	"	
250	Ls.	"	"	F	"	
251	Ls.	"	"	C	"	
252	Ls.	"	"	F	"	
253	Sh.	Nation River	"	P	"	
254	Ls.	?	"	C	"	
255	Cong.	Step Cong.	NE SW, 8N-31E	L	Step Mt. Sect.	
256	Siltstn.	"	"	F	"	
257	Cong.	"	"	L	"	
258	Ss	Step Cong.	"	F	"	
259	Ss	"	"	L	"	
260	Ss	"	"	F	"	
261	Ls	"	"	C	"	
262	Cong.	"	"	L	"	
263	Ls.	"	"	CN f	"	
264	Sh.	Calico Bluff	SW NW, 1N-32E	P	Calico Bluff Sect.	
265	Ls.	"	"	FCf	"	
266	Ls.	"	"	FCf	"	
267	Sh.	"	"	P	"	
268	Sh-Ls.	"	"	FCf	"	
269	Ls.	"	"	FCf	"	
270	Ls.	"	"	FCf	"	
271	Sh.	"	"	P <i>SP</i>	"	X ✓
272	Sh.-Ls.	"	"	FCf	"	
273	Ls.	"	"	FCf	"	
274	Ls.	"	"	FCf	"	
275	Sh.	"	"	P	"	
276	Ss	"	"	FCf	"	
277	Ls.	"	"	FCf	"	
278	Ls.	"	"	F	"	
279	Ls.	"	"	FC	"	
280	Sh.	"	"	P	"	
281	Siltstn.	"	"	F	"	
GWS 282	Ls.	"	"	FCf	"	

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PIE NO.	ROCK TYPES	FORMATION	LOCATION	PURPOSE	SECTIONS	MAPPS
H 746	Sh.	Shublik	SE, 31N-22E	P	Coleen R. Sect.	
747	Ls.	"	"	fc	"	
748	Ls.	"	"	LCT-f	"	
749	Ls.	"	"	LFC	"	
750	Ls.	"	"	LF	"	
751	Sh.	"	"	P	"	
752	Sh.	"	"	P	"	
753	Ss-quartzite	"	"	L	"	
754	Sh.	"	"	P	"	
755	Siltstn.	"	"	F	"	
759	Quartzite	"	"	L	"	
758	Siltstn.	"	"	FP	"	
760	Quartzite	Pzq	NE, 29N-29E	L	Canalaska Mt.	
761	Quartzite	"	"	L	"	
762	"	"	"	L	"	
763	"	"	"	L	"	
764	"	"	"	L	"	
765	"	"	"	L	"	
766	"	"	"	L	"	
767	"	"	"	L	"	
768	"	"	"	L	"	
769	"	"	"	L	"	
770	"	"	"	L	"	
771	"	"	"	L	"	
772	Sh.	Pz1	"	LP	"	
773	Dol.	"	"	C	"	
774	Ls.	"	"	LC	"	
775	Dol.	"	"	LC	"	
776	Sh.	"	"	P	"	
777	Sh.-Ls.	"	"	C	"	
779	Sh.	Pz1	SW, 29N-28E	P Sr.	Grab.	
780	Ss.	KJS	SE, 26N-27E	F	Grab.	
781	Ss.	KJS	SE, 26N-27E	F	Grab.	
782	Ss	Css	SE, 26N-25E	L	"	
783	Ls.-Ss.	PCs?	NE, 26N-24E	F	"	
784	Sh.	PCs?	NE, 26N-24E	P Sr.	"	