DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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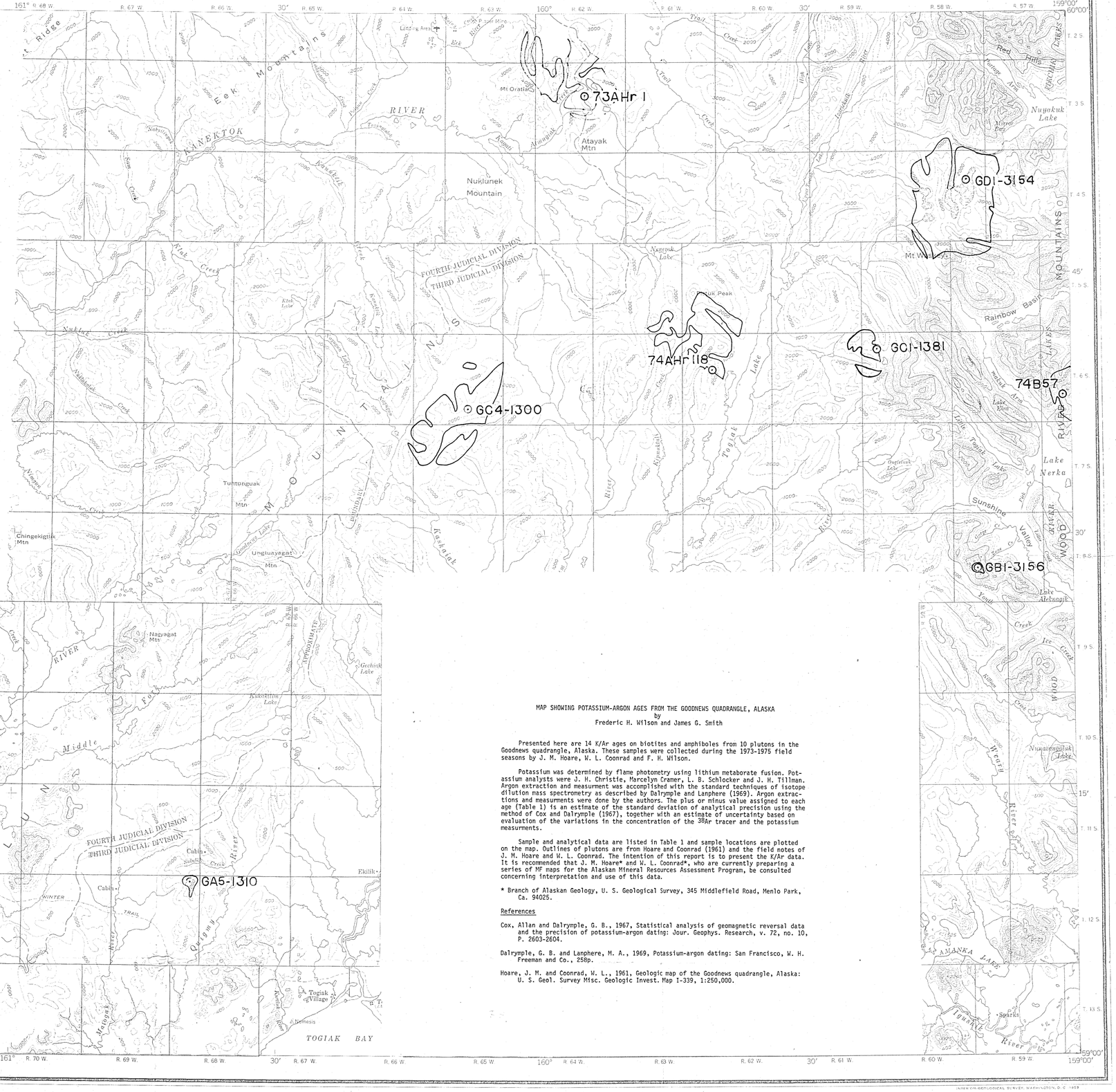
76-437

GOODNEWS

PLUTON and SAMPLE NUMBER	LOCATION	ROCK TYPE	MINERAL DATED (mesh size)	% K_2O	$^{40}Ar_{rad}$ moles/gram X 10^{-10}	%$^{40}Ar_{rad}$	AGE, m.y.
Mt. Oratia 73AHr1	Goodnews D-3 59°55.0'N 159°56.0'W	Granodiorite	Biotite 60-120	9.35 9.29 9.32	9.713	92	69.3 ± 2.
Mt. Waskey GD1-3154	Goodnews D-1 59°50.6'N 158°11.6'W	Granodiorite	Biotite 60-100	8.10 8.16 8.13	7.445	89	61.0 ± 1.8
			Amphi and Pyx. 80-150	0.510 0.503 0.507	0.4842	43	63.6 ± 1.9
Sunday Creek GC1-1381	Goodnews C-1 59°40.6'N 159°21.6'W	Quartz Diorite	Biotite 40-80	7.84 7.92 7.88	8.389	80	70.7 ± 2.1
Togiak Lake 74AHr118	Goodnews C-2 59°39.7'N 159°40.3'W	Quartz Monzonite	Biotite 60-120	9.26 9.29 9.275	8.647	80	62.1 ± 2.
			Hornblende 120-200	0.578 0.572 0.575	0.5865	66	67.8 ± 3.
Akuluktok 74B57	Goodnews C-1 59°37.6'N 159°00.0'W	Quartz Monzonite	Biotite 120-200	8.74 8.79 8.765	8.953	88	67.9 ± 2.
			Hornblende 100-200	0.630 0.648 0.639	0.5934	27	61.8 ± 3.
Nayorurun GC4-1300	Goodnews C-4 59°37.1'N 160°08.7'W	Hornblende Granite Porphyry	Hornblende 100-150	0.867 0.875 0.871	0.7744	67	59.2 ± 1.8
Zone Creek GB1-3156	Goodnews B-1 59°28.0'N 159°10.8'W	Quartz Diorite	Biotite 80-120	6.81 6.83 6.82	6.953	88	67.8 ± 2.0
			Hornblende 80-120	0.407 0.416 0.4115	0.3823	39	61.8 ± 1.8
Wattamuse Creek GB7-1479a	Goodnews B-7 59°24.4'N 161°19.0'W	Quartz Diorite	Biotite 60-100	9.04 9.05 9.045	9.459	87	69.5 ± 2.1
Sulutak GA5-1310	Goodnews A-5 59°10.0'N 160°39.5'W	Biotite Quartz Diorite	Biotite 60-100	8.28 8.29 8.285	8.180	81	65.7 ± 2.0
Crater Hill GA7-1450	Goodnews A-7 59°02.0'N 161°32.0'W	Diorite	Amphibole 100-115	1.180 1.168 1.174	2.871	92	159. ± 4.8


73AHr 1
GD1-3154
74AHr118
GC1-1381
74B57
GC4-1300
GB1-3156
GB7-1479A
GA5-1310
GA7-1450
Mt Oratia
Atayak Mtn
Nuklunek Mountain
Mt Waskey
Uk Peak
Rainbow Basin
Lake Nerka
Sunshine Valley
Tuntunguak Mtn
Chingekigtik Mtn
Ungluayagat Mtn
Nayagat Mtn
Twin Mtn
Cone Mtn
Cot Mtn
Tooth Mtn
Carter
Explorer Mtn
Chawekis Mtn
Lump Mtn
Kialapak Mtn
Mumtrak Hill
Lookout Mtn
Nanvakfak Lake
Beluga Peak
Goodnews
GOODNEWS BAY
KUSKOKWIM BAY
North Spit
South Spit
Platinum
Crater Hill
Puyulik Mtn
Dome Mtn
Cabins
Togiak Village
Nemesis
Sparks
TOGIAK BAY
FOURTH JUDICIAL DIVISION
THIRD JUDICIAL DIVISION
KANEKTOK RIVER
Eek Mountains
ALAKANUK MOUNTAINS
Red Hills
Nunakuk Lake
Rivers Edge
Lake Aleknagik
Nunavaugaluk Lake
ALAKANUK LAKES
Togiak River
Goodnews River
Middle Fork
South Fork
Carter Bay
Indian River
Nanvakfak Lake
Togiak Lake
Ekilik
Chikuminuk Lake
Kukaklilon Lake
Gechick Lake
Ice Creek
Kilbuck Mtns
Wood River
Tikchik Lakes
Mirror Arm
Nushagak Bay
Nushagak River
Iguna River
Mulchatna River
Kuskokwim River
Bethel
Dillingham
Naknek
Hagemeister Island
Bristol Bay
Nushagak Peninsula
Kulukak Bay
Quinhagak
Goodnews Bay
Kwigillingok
Kongiganak
Tuntutuliak
Eek
Napakiak
Napaskiak
Oscarville
Bush Point
Kasigluk
Nunapitchuk
Akiachak
Akiak
Tuluksak
Kalskag
Lower Kalskag
Aniak
Chuathbaluk
Crooked Creek
Sleetmute
Stony River
Red Devil
Sleetmute
Georgetown
Medfra
Takotna
Ophir
Cripple
Iditarod
Flat
Shageluk
Anvik
Grayling
Holy Cross
Russian Mission
Marshall
Pilot Station
Chefornak
Tuntutuliak
Eek
Quinhagak
Platinum
Goodnews Bay
Cape Newenham
Cape Peirce
Nushagak Bay
Ugashik Bay
Egegik Bay
Naknek
King Salmon
Dillingham
Aleknagik
Clarks Point
Koliganek
Ekwok
Levelock
Igiugig
Pedro Bay
Iliamna
Newhalen
Nondalton
Port Alsworth
Lake Clark
Tyonek
Beluga
Kenai
Homer
Seldovia
Port Graham
Nanwalek
Ninilchik
Anchor Point
Kachemak Bay
Cape Douglas
Cape Kumlik
Cape Menshikof
Cape Newenham
Cape Peirce
Cape Romanzof
Cape Rodney
Cape Stephens
Cape Newenham
Cape Peirce
Cape Romanzof
Cape Rodney
Cape Stephens
Cape Kumlik
Cape Menshikof
Cape Douglas