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ITINERARY OF SUMMER'S FIELD WORK FOR YEAR 1937

Wild River District etc.

Spring Reed

- July 19 Leave Fairbanks in Wien Alaska Airways' Fairchild plane, Noel Wien pilot, at 5:15 P.M., accompanied by assistant topographer and packer, John W. Short. Arrived at Wild Lake at Spring Creek, at 7:45 P.M. Arrange with Frank Smith for use of cabin and spend until 3 A.M. next morning unloading plane and cleaning cabin.
- July 20 Finish fixing cabin and making bunks. Put canvas boat together and explore lake for triangulation points the rest of the day.
- July 21 Set out triangulation points and start plane table work.
- July 22 Spend day at plane table work and setting out triangulation point at Seward Creek Delta.
- July 23 Short working at plane table work; Reed getting geology and making compass survey of Spring Creek.
- July 24 Raining hard. Spend morning making map and checking work so far done. In afternoon Short makes compass survey of Summit Creek, while Reed finishes mapping work.
- July 25 Very foggy with hard showers. Row to Lake Creek and make compass and geological survey of same, up to Oregon Creek Divide. Back to cabin at 7:30 P.M.
- July 26 Weather worse than day before. Reed gets geology of Summit Creek. Short spends day working on plat.
- July 27 Climb Mathews Dome with plane table and map surrounding country, also taking pictures. Back to cabin at 7 P.M.

NOTED
July 28

Rowed to head of lake and then walked to Toby Creek,

OCT 12 1937 mapping upper end of Wild River. Back to cabin at 7:30 P.M.

B. D. STEWART
Commissioner of Mines

- July 29 Row to lower end of lake. Set up triangulation points and do plane table work all day.
- July 30 Row to Seward Creek Delta and finish plane table work there, then carry traverse by compass survey up Seward Creek through pass to East Fork of John River. Return to cabin at 8:30 P.M.
- July 31 Trade canvass boat for ^{the use of} Frank Smith's wooden river boat. Pack outfit in same and leave Spring Creek at 1:30 P.M. Camp on Wild River at 10 P.M. after dragging boat over riffles most of the way opposite mouth of Old Stiff Creek.
- Aug. 1 Leave camp at 7:30 A.M. back-packing outfit down river to below Point Creek. After two relays, finish dragging boat down at 10:30 P.M. Camp in rain.
- August 2 Load boat and take it down to the mouth of Flat Creek. Pitch camp and leave at 4 P.M. for Hans Leichman's cabin on Jay Creek. Arrive at 7 P.M.
- August 3 Leave Leichman's cabin for Birch Creek and map same to head. Back to Leichman's at 6:15 P.M.
- August 4 Lay out base line in Flat Creek below Leichman's and take plane table site. Leave Leichman's at 9:30 A.M. and go up Rye and Jay Creeks, making compass survey of same and getting geology. Apparently due to strong magnetic interference, compass needle de-magnetized. Arrive back at Leichman's cabin at 6:15 P.M. Snowing most of the day on Jay Creek. Leave Leichman's cabin at 7:30 P.M. Arrive at mouth of Flat Creek and camp at 8:30 P.M.
- August 5 Lay out base line and do plane table work at mouth of Flat Creek. Leave Flat Creek at 10:40 A.M. Arrive at Bear Creek mouth at 9:50 P.M. and camp. Cold miserable day and boat had to be dragged over riffles most of day.

- August 6 Take compass sites and survey mountains at the mouth of Bear Creek. Leave Bear Creek at 10:45 A.M. Arrive at mouth of Michigan Creek at 5 P.M. Camp and lay out base line. Raining and cold all day. ~~Expensive table work~~
- August 7 Do plane table work all morning. Walk up Michigan Creek to Silver King lead and silver prospect in afternoon, taking geology and mapping creek on way. Back to camp at 7 P.M.
- August 8 Leave mouth of Michigan Creek at 8:30 A.M. Many riffles and very hard going all day. Camp at 5:30 P.M. beyond Two-Day Mountain.
- August 9 Leave camp at Two-Day Mountain at 10 A.M. after taking compass sites and doing plane table work above camp. Many rocks and riffles in river make going worse than so far encountered. Arrive at mouth of Wild River at 9:30 P.M. Camp on Koyukuk River at 10:30 P.M.
- August 10 Leave camp at 9 A.M. Arrive at the town of Bettles at 10:30 A.M. Lunch and attend to business. Cross river and take sites on various mountain peaks so as to tie survey in with previous Koyukuk survey of U.S.G.S. No way of getting communication out of Bettles or leaving for upper Koyukuk. Only way to leave the country is to row to Allakaket where a plane can be telegraphed for. Leave Bettles at 4:30 P.M. for Allakaket, rowing. Camp at 12 midnight on Koyukuk River.
- August 11 Leave camp at 6:15 A.M. After rowing all day arrive at Allakaket at 9:30 P.M. Stop at Wilfred Evans' store for night.
- August 12 Telegraph for plane. Plane arrives at 8 P.M.
- August 13 Leave Allakaket on Wien Alaska Airways' Cessna plane, Herman Lerdahl, pilot, at 9 A.M. Arrive at Fairbanks at 11 A.M.

- August 16 Leave Fairbanks at 10:45 A.M. Arrive at Circle Hot Springs at 6:15 P.M.
- August 17 Visit upper Mastodon Creek and Harrison Creek.
- August 18 Visit Deadwood Creek and spend day on same.
- August 19 Visit lower Mastodon Creek and dredge on Mammoth Creek. Also go over all of Ketchum Creek.
- August 20 Leave Hot Springs at 10:30 A.M. Visit Eagle Creek.
Arrive at Fairbanks at 6:30 P.M.
- August 24 Leave Fairbanks on Pollack Flying Service Stinson, Emmons, pilot, at 11 A.M. Arrive at Wiseman at 1:15 P.M.
See Recorder, Charles Irish and find out what various mining operations are going on. Also arrange for guide and packer.
- August 25 Raining and bad storm. Buy outfit and arrange with guide, James Tobuk, to leave next morning. In afternoon walk to old workings and ditch on Wiseman Creek moraine and examine same.
- August 26 Buy gasoline and get boat and outboard motor. Leave Wiseman in boat with James Tobuk at 11 A.M. Arrive at mouth of Gold Creek at 2 P.M. where leave boat. Back-pack outfit to Wilcox's cabin on Linda Creek, arriving at 3 P.M. Take pictures and do plane table work of creek.
- August 27 Leave Wilcox's cabin, back-packing at 7:30 A.M. Arrive at Moon's cabin on Garnet Creek at 8 P.M. after hard trip.
- August 28 Leave Moon's cabin at 8:30 A.M. Visit and examine Terrel's workings at mouth of Garnet Creek. Leave Garnet Creek at 1:30 P.M. Arrive at Larson's cabin on Mule Creek at 3:30 P.M.
Examine Larson's workings

- August 29 Leave Mule Creek at 7:50 A.M. Walk up Bettles River to Phoebe Creek, thence up to Twin Lakes and map same. Arrive back at Larson's cabin at 9:30 P.M.
- August 30 Leave Larson's cabin at 8:50 A.M. Arrive at Christianson's cabin on Jimpup Creek at 8:15 P.M.
- August 31 Leave Christianson's cabin at 8:30 A.M. and go to island in Big Lake. Establish base line and do plane table work. Examine Rooney's mine and also that of George Manglass. Arrive back at Christianson's cabin at 8 P.M.
- September 1 Leave Christianson's cabin at 9 A.M. and climb mountain for plane table work on left limit of Lake Creek; thence cross Lake Creek pass and climb mountain on right limit of Lake Creek for plane table work. Raining and blowing very badly. Return to Christianson's cabin at 3:30 P.M. Write up notes the rest of afternoon.
- September 2 Very foggy. Leave Christianson's cabin at 8:30 A.M. and climb mountain on right limit of Lake Creek a second time in order to finish map of lake. So foggy forced to return to Christianson's cabin at 2 P.M. Get data on Christianson's work and map same the rest of the day.
- September 3 Raining and very foggy. Spend morning writing up notes and fixing compass. In afternoon go to mouth of California Creek, mapping and examining old works on same. Return to Christianson's cabin at 5:30 P.M.
- September 4 Raining hard with the barometer extremely low. Stay at Christianson's cabin all day writing up notes and getting data on surrounding creeks.
- September 5 Leave Christianson's cabin at 8:15 A.M. by way of

Government trail. Leave trail at Emery Creek and cross mountain to Creecy's cabin on Gold Creek. Examine Creecy's workings and then walk down Gold Creek to Leonard's workings and examine same. Arrive at Wilcox cabin on Linda Creek at 7 P.M.

September 6 Leave Wilcox cabin on Linda Creek at 7:10 A.M. Backpack to mouth of Gold Creek and then take boat down Koyukuk River to mouth of Sheep Creek. Walk up Sheep Creek with Frank Miller and examine his workings there. Leave mouth of Sheep Creek at 11:05 A.M. Arrive at Wiseman at 12:30 P.M. Spend rest of day writing up notes.

September 7 Spend all day getting outfit together for trip to South Fork and writing up notes; also negotiating for ride down river with Road Commission crew.

September 8 Leave Wiseman in large boat with Road Commission crew and guide and packer, James Tobuk, at 10:15 A.M. Stop at Coldfoot Stanich for lunch. Arrive at ~~Stanich~~ cabin on Porcupine Creek at 4:20 P.M.

September 9 Outboard motor not working on Road Commission boat. Spend part of morning fixing same by James Tobuk and one of Road Commission crew. Leave Porcupine Creek at 10:35 A.M. Arrive at Miller's cache below canyon on Koyukuk River at 3:15 P.M. Walk across pass to Gold Bench, arriving at 6:45 P.M. Find everyone gone and cabin locked. Siwashed in open.

September 10 Examine gold bench and map surrounding country. Leave gold bench at 9:35 A.M. Arrive at ~~Mix~~ Messap's cabin on Ironside Bench at 10:50 A.M. Examine Ironside Bench and map surrounding country the rest of the day.

- September 11 Raining badly and barometer extremely low; Stay at Messap's cabin all day writing up notes.
- September 12 Still raining. Leave Messap's cabin at 7:30 A.M. Arrive at Hansen's cabin on Smalley Creek at 12:05 P.M. Spend rest of day examining Hansen's mine and mapping surrounding country.
- September 13 Leave Hansen's cabin at 9:25 A.M. and walk over mountains to Hanshaw Bench on South Fork. Examine and map same. Arrive back at Hansen's cabin at 6:35 P.M. Miss William Glenn and Fred Clark on Hanshaw Bench, as both have gone down river, just before our arrival.
- September 14 Leave Hansen's cabin at 10:45 A.M. Arrive at tramway bar on Koyukuk River at 2:40 P.M. Spend rest of day examining Charley Suckik's workings and old workings near same.
- September 15 Raining hard in morning. In afternoon ~~walk~~ walk up to Mailbox Creek and examine Storr's workings on same. Return to Tramway bar at 6 P.M.
- September 16 Raining hard all night. Leave Tramway bar at 10:45 A.M. in rain. Arrive at Spinks' mine on Twelvemile Creek, at 6:15 P.M.
- September 17 Raining badly. Examine Spinks Mine and walk to forks of the West Fork of Twelvemile Creek, mapping same. Return to Spinks' cabin at 6 P.M.
- September 18 Raining so badly cannot work at all in field. Write up notes all day.
- September 19 Leave Spinks' cabin at 8:50 A.M. Arrive at Stanich cabin on Porcupine Creek at 12:55 P.M. Spend rest of day examining Stanich's workings.
- September 20 Leave Stanich cabin at 7:15 A.M. Arrive at Neck's cabin

on Myrtle Creek at 6:15 P.M.

- September 21 Examine Myrtle Creek and both Neck's and Ellington's workings; also walk over to Larson's prospect on Slate Creek and old hydraulic mine at the mouth of Myrtle. Return to Neck's cabin at 7 P.M.
- September 22 Leave Neck's cabin at 7:35 A.M. Arrive at Coldfoot at 11:10 A.M. Spend rest of day writing up notes.
- September 23 Leave Coldfoot at 10:15 A.M. Arrive back at Wiseman, back-packing, at 5:20 P.M.
- September 24 Leave Wiseman by car of Joe Ulen at 11:15 A.M. Arrive at Bobby Jones' cabin on Nolan Creek at 1:27 P.M. Spend rest of day examining Nolan Creek.
- September 25 Leave Jones' cabin on Nolan Creek with Wilson Winert as guide and packer at 7:20 A.M. Arrive at Duffy's cabin on Mascot Creek at 3:40 P.M. and mapped surrounding terrain the rest of the day.
- September 26 Leave Duffy's cabin on Mascot Creek at 9:04 A.M, walk up to forks of Mascot Creek and examine Ikovich's mine, then walk down creek and examine Knorr's mine and then on down through the canyon to the mouth of Preacher Creek. Arrive back at Duffy's cabin at 5:38 P.M.
- September 27 Leave Duffy's cabin at 8:27 A.M. Arrive at Jones' cabin on Nolan Creek at 4:15 P.M. Send Wilson Winert on to Wiseman.
- September 28 Examine all workings on Nolan, Archibald and Smith Creeks.
- September 29 Leave Jones' cabin on Nolan Creek at 8:23 A.M. Drive to Hammond River in Ulen's car, leaving same at Collins' cabin and walking up to Vermont Creek, examining all the mines on the way. Arrive back at Wiseman at 5:58 P.M.

September 30 Leave Wiseman on Wien Alaska Airways Cessna plane,
Herman Lerdahl pilot, at 11:22 A.M. Arrive at Fairbanks, via
Bettles, Allakaket and Stevens Village, at 5:20 P.M.