



From Photo. by W. Ogilvie.

Looking Down Chilkoot Pass and Inlet from a Point $1\frac{1}{2}$ Miles above T. de-water (Raining.)

and Chilkoot Inlets. The distance from the coast down these channels to the open sea is about 380 miles. The mountains on each side of the water confine the currents of air, and deflect inclined currents in the direction of the axis of the channel, so that there is nearly always a strong wind blowing up the channel. Coming from the sea, this wind is heavily charged with moisture, which is precipitated when the air current strikes the mountains, and the fall of rain and snow is consequently very heavy.

After landing at Chilkoot the weather continued very wet for three days, so that I could not do anything in the way of commencing the survey, and during the delay myself and party were employed in making preparations for carrying the instruments, provisions and other baggage up to the head of Dyea Inlet, a distance of $20\frac{1}{2}$ miles. This was accomplished by securing the services of two boats belonging to a trader, which were towed to the head of the Dyea Inlet by the United States gunboat "Pinta," to the commander of which (Capt. Newell) I owe a debt of gratitude for his very obliging and attentive treatment of myself and party.

FROM DYEA INLET TO THE ALASKA BOUNDARY.

On the 30th of May I commenced the survey by connecting Pyramid Island in Chilkat Inlet with Chilkoot Inlet at Haines mission. At this point a Protestant mission was established some years ago; but it is now abandoned, owing, as I was informed, to the very unpleasant conduct of the Chilkoot Indians. I could not learn that they had committed any overt act of hostility, but it appears the missionary tried to relieve the sufferings of a sick Indian child. Unfortunately, the child died, and the father attributed the death to the missionary, and from that time acted in so suspicious a manner towards the children of the latter, that he considered it unsafe to remain in the vicinity, and moved into Juneau.

The teacher of the United States Government school for Indians at Haines mission, Col. Ripinsky, told me he had got into trouble in the same way. A sick

Indian to v
quence, ap
walked abo
Fortunately
would not

The la
1869 by a
eclipse of t
mined is gi
27' 04" .5.
used by the
the centre o
west or nor
and clay, a
glacial actio
and it is onl
owing to th
into the inle

To carr
the mounta
Owing to th
duce the su
deflection b
deduced the
been the val
and this, wi
the shore di



Lookin