

Messrs. Dunn and Archer have been prospecting with Sustenance Allowance to the immediate south-west of Ringville.

During the course of their prospecting they have found alluvial tin ore in a small creek which is a tributary of the Great Northern Creek. The creek is a small one and flows easterly into the alluvial flat of Great Northern Creek about one chain north of the electric transmission line from Zeehan to Rosebery.

This creek has been tested by prospect holes from the flat upstream for a distance of some 10 chains where it became steep and had little wash in it. From the flat upstream for 3 or 4 chains, the alluvial ground is stated to be unpayable. However, a small area has been worked at the bottom end and owing to the wider and deeper alluvial ground upstream it is more difficult to prospect, so that portions may be found payable on further testing.

Upstream the above point, the creek bed is narrower and good prospects are obtainable for a length of approximately five chains.

Going upstream the following prospects were obtained. Few if any, of the holes were properly bottomed and the prospect dishes were only partly filled.

	<u>Remarks.</u>	<u>Results.</u> (per part of dish).
No. 1.	Top Wash	1 oz. coarse cassiterite approx.
2.	" "	$\frac{1}{2}$ " " " "
3.	" "	$\frac{1}{2}$ - $\frac{1}{4}$ oz. " "
4.	" "	$\frac{1}{2}$ - $\frac{1}{4}$ " " "
5.	" "	Small quantity
6.	" "	" "
7.	Top Wash 12" deep	1 oz. coarse cassiterite approx.
8.	Top Wash	$\frac{1}{2}$ " " " "
9.	" "	$\frac{1}{2}$ - $\frac{1}{4}$ oz. " " "
		1 piece $\frac{1}{2}$ " in size.
10.	" "	$\frac{1}{2}$ oz. cassiterite approx.
11.	" "	$\frac{1}{2}$ " " "
		1 specimen.

These serve to indicate payable ground. Messrs. Dunn and Archer asked about further sustenance to prospect the ground and excavate a tail race to the proved ground. I informed them that, having proved payable ground to exist, such work would come under the head of assistance and not sustenance. I, therefore, advised them to apply for assistance to construct the 3 or 4 chains of race.

The creek contains all the virgin trees and scrub and roots would be numerous. The depth of the ground is not definitely known and it may range up to 5 feet.

The race should be cut for a maximum of £3 per chain or say £12 in all, but as the depth is unknown it might be more equitable to allow anything up to £20 for the race.

The race will of course be prospecting the ground it passes through and if payable ground is encountered before the 3 or 4 chains are cut, the cutting of the race should then be stopped and working of the ground commenced. Assistance would also cease at this point.