5. Equal parts of coarse and fine alluvial from the Lyell, Nelson, obtained by washing the beds of water-courses.
6. Alluvial from Grey Valley, Nelson, obtained by sluicing.
7. Alluvial sluiced from Duke of Edinburgh Terrace, Greenstone Creek, Westland. The locality whence this sample came is traversed by the extensive Greenstone and Eastern Hohonu Water Race.
8. Alluvial from the Ho-ho, Westland, obtained by sluicing ground that had been previously worked by shafts and tunnels.
9. Fine alluvial gold from iron-sand cement, Charleston, Nelson. This sample of gold is usually saved by amalgamation with mercury, and is most difficult to obtain in its present form.
10. Ruby sand from Charleston, Nelson. This sand is found in granite, and the gold it contains is heavier and of better quality than that in cement.
11. Gold-bearing black sand from the Black Lead, Charleston, Nelson.
12. Auriferous cement from Mokihinui River, Nelson, obtained 50 feet below surface of river terrace.
13. Auriferous cement from Black Lead, Charleston, Nelson.
14. Auriferous sand from Addison Flat, Nelson.
15. Mokihinui River, Dufty Creek, obtained from bed of creek by sluicing.
16. Upper Buller, Boatman's Creek. Alluvial gold obtained from tributary of Buller River by sluicing.
17. Lyell District, Lyell Creek. Alluvial gold obtained from tributary of Buller River.
18. Waimungaroa River. Alluvial gold obtained from tributary of Buller River by sluicing, and from the banks.
19. Mokihinui River, Mokihinui. Alluvial gold.
20. German Terrace, five miles from Westport; Ridings and party. Sand and gold obtained from washdirt, after passing through ripple boxes; exhibit taken from plush sheets.
21. Addison's Flat; T. B. Miller. Ruby sand obtained from washdirt.
22. Addison's Flat; T. B. Miller. Rubies obtained from washdirt.

GOLD AS EXPORTED.

1. One Bar of Melted Gold from West Coast, Hokitika, Westland—

			oz.	dwts.	grs.
Assay.—Gold ...	·9627 = Fine Gold	...	9	14	16
Silver ...	·0363				
Copper...	·0010				

Weight.—10 oz. 2 dwts. 6 grs.

2. One Bar of Melted Gold from Thames District, Province of Auckland—

			oz.	dwts.	grs.
Assay.—Gold ...	·6565 = Fine Gold	...	6	12	18
Silver ...	·3390 = Silver	...	3	8	13
Copper...	·0045				

Weight.—10 oz. 2 dwts. 6 grs.

3. One Bar of Refined Gold, as extracted by Chlorine Refining Process, and as exported by the Bank of New Zealand, Auckland—

			oz.	dwts.	grs.
Assay.—Gold ...	·9942 = Fine Gold	...	9	19	20
Silver ...	·0058				

Weight.—10 oz. 1 dwt.

4. One Bar of Chloride of Silver. The Gold having been separated by the Chlorine Refining Process, the Chloride is reduced to Metallic Silver by the galvanic action of iron plates and acidulated water. *Weight*, 8 oz. 2 dwts. 6 grs., containing 6 oz. of Silver.
5. One Bar of Silver extracted from Thames Gold, Province of Auckland, by Chlorine Refining Process. Very nearly fine Silver, only a trace of Gold left. *Weight*, 10 oz. 4 dwts. 18 grs.
6. Model representing a Bar of Gold, weighing 375 oz., as exported by the Bank of New Zealand, Auckland.

SPECIMENS OF AURIFEROUS QUARTZ FROM THAMES MINES, AUCKLAND.

Specimen of Quartz from Tokatea Gold Mining Company, Coromandel, Auckland District, containing Gold and Silver in alloy. (*Assay* for the Gold in same about ·6800, and the remainder mostly Silver.) Native or Metallic Silver, and Chloride of Silver (Horn Silver). The Silver in the latter is entirely lost in extracting the Gold at the batteries, there being no care taken for its preservation. *Weight* of specimen, 74 oz. 7 gr. 18 dwts., and containing about 8 oz. of Gold.

Quartz with Gold from Golden Crown Mine, Thames, Auckland; weight, 21 oz. 9 dwts., containing about 5 oz. of Gold and Silver in alloy. Assay for Gold about ·6500, remainder of the alloy mostly silver.

Quartz with argentiferous galena from Silver Crown Mine, Thames, Auckland. *Weight*, 15 oz. 4 dwts.

AURIFEROUS QUARTZ, INANGAHUA AND LYELL DISTRICTS, NELSON.

(*Collected by the Reefton Committee.*)

Victoria Company, Registered.—3 Specimens.
Reef averages 3 feet in thickness. The specimens are taken from a level 360 feet below the highest point proved.

All Nations.—1 Specimen.
This reef is making to the south-west, and has an average thickness of 2 feet.

United Band of Hope Company, Registered.—2 Specimens.
Specimen 1 was taken from the surface where reef first opened. From this about 100 tons of stone crushed gave a return of 2 oz. 6 dwt. per ton. From this level to a depth of 140 feet, about eighty tons crushed gave at the rate of 18 dwt. per ton. No. 2 is from a depth of 160 feet. From this last, thirty-one tons crushed at Westland machine gave a gross yield of 41 oz. melted gold.

Golden Hill Company.—1 Specimen.
The reef varies from 4 feet to 1 foot 6 inches, average 2 feet 6 inches. About 480 tons of stone crushed at the Westland machine gave a yield of ½ oz. to the ton.

North Star Company, Registered.—1 Specimen.
The specimen was taken from a level of 50 feet from the surface, a foot apart across the reef. The reef is 5 feet in width, bearing about E. and W.

Invincible Gold Mining Company, Registered.—1 Specimen.
This specimen is from the surface, at a width of 2 feet apart across the reef, which is here 4 feet 6 inches thick.

Wealth of Nations Company, Registered.—2 Specimens.
Two large bodies of stone have been intersected, each about 10 feet thick, showing gold similar to that in the outcrop.

Enterprise Company, Registered.—6 Specimens.
These specimens were taken from the middle tunnel, at a distance of 110 feet from the mouth of the drive, at a depth of 85 feet from the surface.

Energetic Company, Registered.—3 Specimens.
The stone was taken,—(1.) From a shaft sunk 85 feet below a tunnel and 210 feet below the surface. A trial crushing in February last of ten tons of this stone gave a result of 43 oz. 1 dwt. retorted gold. (2.) From No. 2 tunnel, 265 feet below the surface, and at a distance of 298 feet from the mouth of the drive, at which place the reef is 4 feet 6 inches thick, and very solid.

Rainy Creek Company, Registered.—1 Specimen.
The width of the reef, where discovered, is 30 feet, and it carries this extraordinary width for 900 feet. Gold appears to be well distributed throughout the reef, and at the lower level it is heavier than at the surface.

Thompson's Claim, Boatman's, Inangahua.—1 Specimen.
Shows a width of from 2 to 5 feet, and will yield from 1 to 2 oz. to the ton.

El Dorado Company, Registered.—Several small specimens.
The reef, where first opened, was 3 feet in width. Further south it was cut 5 feet in width. The gold is fine, and well distributed through the stone. Zircons, garnets, cubical pyrites, manganese, and sulphides of antimony are also found.

Just-in-Time Company, Registered.—3 Specimens.
The reef is 3 feet 6 inches wide. Specimens taken 15 feet below the level of the tunnel.

Inglewood, Kelly's Line N.—
Murray's Creek, Reefton.

Specimens of Quartz obtained from leader just discovered on Mount Rochfort.

Alpine Reef, Lyell.—1 Specimen.
The tunnel now used is situate at an altitude of 1,200 feet above the Lyell Creek. Besides the leaders at present being worked there are three others, averaging from 4 inches to 1 foot, the casing in most places being highly auriferous, and a well defined reef of 5 feet wide, presenting characteristics similar to the leaders. The first crushing of eighty-five tons gave a yield of 860 oz. of melted gold.

Little Wonder Claim, Messrs. Carson and Cairns.
Quartz yielding per last crushing, 10 oz. 9 dwts. to the ton. Area of claim four acres; worked by tunnelling. Reef, 6 inches to 2 feet wide; proved 120 feet. Specimens obtained 70 feet below surface.