```
Taxable revenue for unrefined metal products =
     (PM \times P) - ISE - TCRC - DSE
     PM
                = Weight of payable minerals (2)
                = International market price (4)
     ISE = International shipping expenses
                = Applicable treatment and refining charges (3)
     TCRC
                = Domestic shipping expenses
     DSE
```

Weight of payable minerals (PM)

- Mineral content
- Metallurgical deductions as provided in *sale contract*

Treatment and refining charges (TCRC)

- Include impurity penalties
- TCRC for copper not higher than:
  Long Term: Japanese Terms Contract (Benchmark), by Brook-Hunt

Short Term: Far East Spot Market (CIF Asia), by Brook-Hunt

International market price (P)

- Price of payable mineral content
- Average price of quotational period
  - Copper:
    London Metal Exchange Official Cash Settlement Price
  - Gold:
    London Bullion Market Association average AM/PM fixing
  - Silver:
    London Bullion Market Association fixing





Quotational period

- Quotational period agreed in sale contract
- Between M-1 and M+4 (M = calendar month of shipment)
- Not valid if agreed or amended after it has started
- Provisional invoices allowed, until prices are known

Validity of quotational period agreed in sale contracts:

• Only if registered at government agency, 15 days prior shipment

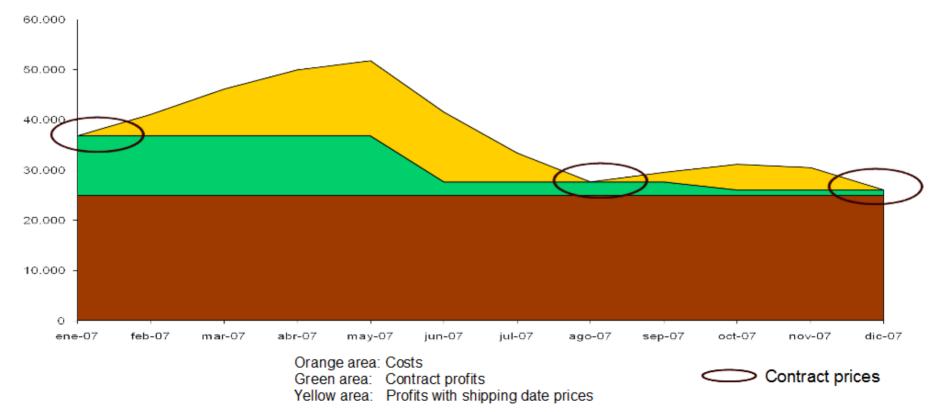
Referential Quotational period

- M+1, if:
- No quotational period agreed in sale contract
- No quotational period between M-1 and M+4
- Agreed period has started before registration

#### Nickel

	Cantidad (	TM)	Market	Contract		Revenue (	USD)	Profit	Profit
Month	Shipped	Contracted	price (USD/MT)	Contract price (USD/MT)	(TINDOIL)	Shipping date prices	Contract prices	shipping date prices	contract prices
Jan	1	5	36.822	36.822	25.000	36.822	36.822 x 5	11.822	
Feb	1		41.078		25.000	41.078		16.078	11.822
Mar	1		46.125		25.000	46.125		21.125	Х
Apr	1		49.957		25.000	49.957		24.957	5
May	1		51.783		25.000	51.783		26.783	
Jun	1	4 (	41.552	27.650	25.000	41.552	27.650 X 4	16.552	2.650
Jul	1		33.400		25.000	33.400		8.400	
Ago	1		27.650		25.000	27.650		2.650	X 1
Sep	1		29.548		25.000	29.548		4.548	4
Oct	1		31.156		25.000	31.156	26.054	6.156	1.054
Nov	1	3	30.506	26.054	25.000	30.506	X	5.506	Х
Dic	1		26.054		25.000	26.054	3	1.054	3
TOTAL									72.867

### Quotational period risk



#### NAL REMARKS

- Risk of "cherry picking" quotational period.
- For income tax purposes (not applicable to royalties):
  - Current rules may be changed with an APA.
- Rules adapted for different types of metals.
- Challenge: verification of contents.