

MINING ACTIVITIES IN TURKEY

ETİBANK MINES :

I — EREĞLİ COAL MINES (EKİ)

Production of Ereğli Coal Mines during 1955 (Ton)

| Raw Coal |           |           |               |           | Marketable Production |                        |           | Semi-Coke | Coke   |
|----------|-----------|-----------|---------------|-----------|-----------------------|------------------------|-----------|-----------|--------|
| Kandilli | Kozlu     | Üzülmez   | Gelik Kifimli | Total     | Coal                  | Middlings and tailings | Total     |           |        |
| 527,861  | 1,077,087 | 1,681,569 | 2,272,180     | 5,496,697 | 3,293,342             | 204,377                | 3,497,719 | 75,060    | 92,105 |

Coal put through screens and Washery (%50) Ton (1955)

| Kandilli | Kozlu     | Üzülmez   | Gelik Kifimli | Total     |
|----------|-----------|-----------|---------------|-----------|
| 459,076  | 1,075,402 | 1,425,778 | 2,121,316     | 5,081,572 |

Types of Marketable Coal production (Ton) 1955

| Over size | 18/50   | 10/18   | %         | Marketed Raw coal | Middlings and tailings | Total     |
|-----------|---------|---------|-----------|-------------------|------------------------|-----------|
| 305,827   | 534,370 | 388,206 | 1,651,690 | 413,249           | 204,377                | 3,497,718 |

Sales Coke and Bricket 1955

| Semicoke |              | Bricket |              |
|----------|--------------|---------|--------------|
| Ton      | Turkish Lira | Ton     | Turkish Lira |
| 71,813   | 3,644,501    | 81,732  | 3,171,923    |

Ereğli Coal Mines (EKİ) 1955 output and Cost of labour

| Number of Wages paid |                         |            | Output (kg.) (For 11 months) |                |                       |                                   |
|----------------------|-------------------------|------------|------------------------------|----------------|-----------------------|-----------------------------------|
| Underground          | Underground and surface | Overall    | Collier                      | Face (per man) | Underground (per man) | Underground and surface (per man) |
| 5,668,219            | 6,311,665               | 11,178,273 | 3,247                        | 1,798          | 970                   | 871                               |

Marketed Coal 1955

| Raw Coal  |              | Oversize |              | F i n e C o a l |              |         |              |           |              | Middlings and Tailings |           | Total     |             |
|-----------|--------------|----------|--------------|-----------------|--------------|---------|--------------|-----------|--------------|------------------------|-----------|-----------|-------------|
| Ton       | Turkish Lira | Ton      | Turkish Lira | 18/50           |              | 10/18   |              | 0/10      |              | Ton                    | Lira      | Ton       | Lira        |
|           |              |          |              | Ton             | Turkish Lira | Ton     | Turkish Lira | Ton       | Turkish Lira |                        |           |           |             |
| 3,939,894 | 11,177,168   | 306,907  | 11,312,838   | 502,650         | 17,599,785   | 380,911 | 12,313,414   | 1,464,029 | 55,917,957   | 182,794                | 1,919,211 | 3,231,185 | 110,240,383 |

Fuel supplied to Turkish boats from Zonguldak

|         |              |
|---------|--------------|
| Ton     | Turkish Lira |
| 158,954 | 5,515,504    |

II - WEST LIGNITE MINES (GARP LINYTLERİ İŞLETMESİ)

Production of West Lignite Mines in 1955

| R a w C o a l |           |            | Coal put through screens and Wastering |         |           |            |           |
|---------------|-----------|------------|--|---------|-----------|------------|-----------|
| Soma          | Tunçbilek | Değirnisaz | Total                                  | Soma    | Tunçbilek | Değirnisaz | Total     |
| 674,875       | 706,975   | 423,531    | 1,805,381                              | 672,470 | 706,947   | 42,353     | 1,802,948 |

Marketable Production (Ton)

| Soma    | Tunçbilek | Değirnisaz | Total     |
|---------|-----------|------------|-----------|
| 489,990 | 445,487   | 252,838    | 1,188,315 |

West Lignite Mines 1955 Output and cost of labour

| Underground      |                           |                 | Surface           |                  |                           |                 | Overall           |                  |                           |                 | Output            |         |              |         |
|------------------|---------------------------|-----------------|-------------------|------------------|---------------------------|-----------------|-------------------|------------------|---------------------------|-----------------|-------------------|---------|--------------|---------|
| Number of labour | Total number of daily pay | Wages paid Lira | Average Wage Lira | Number of labour | Total number of daily pay | Wages paid Lira | Average Wage Lira | Number of labour | Total number of daily pay | Wages paid Lira | Average Wage Lira | Collier | Under-ground | Overall |
| 32,212           | 718,064                   | 3,655,046       | 5.09              | 2,513            | 63,735                    | 307,611         | 4.83              | 75,129           | 1,687,599                 | 8,491,410       | 5.03              | 5,977   | 1,718        | 1,727   |

West Lignite Mines 1955

| Sale of Lignite |          |         |           | Consumption of lignite in the Mine (Ton) |          |        |        |
|-----------------|----------|---------|-----------|--|----------|--------|--------|
| Soma            | T. Bilek | D. Saz  | Total     | Soma                                     | T. Bilek | D. Saz | Total  |
| 466,214         | 345,165  | 249,367 | 1,060,744 | 23,165                                   | 31,044   | 4,050  | 58,259 |

Types of Marketable lignite production of West Lignite Mines 1955

|         | 18-50   | 10-18   | 0-18    | 0-10    | Raw lignite | Middlings | Total (Ton) |
|---------|---------|---------|---------|---------|-------------|-----------|-------------|
| 50+     | 276,966 | 111,397 | 130,312 | 247,245 | 23,193      | 71,060    | 1,188,315   |
| 328,101 |         |         |         |         |             |           |             |

West Lignite Mines, Types of Marketed lignite 1955

|         | 18-50   | 10-18   | 0-18    | 0-10    | Raw lignite | Middlings | Total (Ton) |
|---------|---------|---------|---------|---------|-------------|-----------|-------------|
| 50+     | 267,719 | 111,139 | 130,626 | 222,784 | 41          | 683       | 1,060,744   |
| 327,752 |         |         |         |         |             |           |             |

### III - EAST CHROMIUM MINES (ŞARK KROMLARI İŞLETMESİ)

#### East Chromium Mines 1955 (Ton)

| Production of ore | Concentrate | Marketable production | S a l e      |          |         |
|-------------------|-------------|-----------------------|--------------|----------|---------|
|                   |             |                       | Sold at home | Exported | Total   |
| 150,769           | 22,381      | 173,150               | 912          | 167,043  | 167,955 |
| For 11 Months     |             |                       |              |          |         |

#### List showing the export for 11 months

| Months    | U. S. A. | Austria | France | Total  |
|-----------|----------|---------|--------|--------|
| January   | 18,653   | 781     | —      | 19,434 |
| February  | 22,250   | —       | —      | 22,250 |
| March     | 9,855    | —       | —      | 9,855  |
| April     | 24,022   | —       | —      | 24,022 |
| May       | 24,950   | 1,016   | —      | 25,966 |
| June      | 10,827   | 1,016   | —      | 11,843 |
| July      | 10,231   | 1,728   | —      | 11,959 |
| August    | 17,780   | 1,016   | —      | 18,796 |
| September | 16,561   | 1,321   | 1,016  | 18,898 |
| October   | —        | 2,032   | —      | 2,032  |
| November  | —        | 2,032   | —      | 2,032  |

#### East Chromium Mines 1955

| Cost of labour (for 11 Month) |            |                           | Outputs Kg./Man shift |       |         | Social expenses            |                            |
|-------------------------------|------------|---------------------------|-----------------------|-------|---------|----------------------------|----------------------------|
| Number of daily pay           | Wages paid | Average Wage Turkish Lira | Quarry                | Mine  | Overall | For 11 Months Turkish Lira | Per Man shift Turkish Lira |
| 220,878                       | 1,020,155  | 4.62                      | 6,141                 | 1,544 | 704     | 247,773                    | 2.61                       |

### IV - ERGANI COPPER MINE (ERGANİ BAKIR İŞLETMESİ)

#### Ergani Copper Mine 1955 (Ton)

| Production |                           |                       |             | Copper  |         |        |
|------------|---------------------------|-----------------------|-------------|---------|---------|--------|
| Ore        | Coarse agglomerate        | Put through flotation | Concentrate | Blister | Refined | Total  |
| 193,668    | 23,268<br>(For 11 Months) | 107,468               | 25,003      | 15,165  | 1,851   | 17,016 |

#### Ergani Copper Mines social expenses

|               |       |                 |
|---------------|-------|-----------------|
| For 11 Months | ..... | 1,355,545 T. L. |
| Per man shift | ..... | 2.49 »          |

Outputs Kg./Man shift (for 11 months)

| Quarry | Mine  | Refinery |
|--------|-------|----------|
| 6,775  | 4,113 | 104      |

Cost of labour (for 11 Months)

| Number of labour | Number of labour x shift | Wages paid Turkish Lira (T. L.) | Average Wage Turkish Lira (T. L.) |
|------------------|--------------------------|---------------------------------|-----------------------------------|
| 1,691            | 535,271                  | 3,454,139                       | 6.45                              |

V - MURGUL COPPER MINE  
Cost of labour at Murgul Copper Mine

| Num-ber of labour | Mining               |                   |                   | Flotation         |                 |                   | Refinery             |                 |                   | Overall           |                 |                   |         |           |      |
|-------------------|----------------------|-------------------|-------------------|-------------------|-----------------|-------------------|----------------------|-----------------|-------------------|-------------------|-----------------|-------------------|---------|-----------|------|
|                   | Num-ber of daily pay | Wages paid (T.L.) | Average Wage T.L. | Num-ber of labour | Wages paid T.L. | Average wage T.L. | Num-ber of daily pay | Wages paid T.L. | Average wage T.L. | Num-ber of labour | Wages paid T.L. | Average wage T.L. |         |           |      |
| 568               | 154,153              | 714,260           | 4.53              | 111               | 31,784          | 195,271           | 6.14                 | 254             | 71,690            | 410,996           | 5.73            | 1,606             | 448,832 | 2,372,848 | 5.29 |

1955 Social expenses ..... 1,325,707 T.L.  
Social expenses per man shift ..... 3.15 »

Murgul Copper Mine 1955

| Ore     | Production            |             |         | Output Kg./Man shift (for 11 months) |         |       |          |       |
|---------|-----------------------|-------------|---------|--------------------------------------|---------|-------|----------|-------|
|         | Put through Flotation | Concentrate | Copper  |                                      | Quarry  | Mine  | Refinery |       |
|         |                       |             | Blister | Refined                              |         |       |          | Total |
| 319,958 | 324,111               | 32,773      | 6,782.5 | —                                    | 6,782.5 | 4,481 | 2,258    | 114   |

VI - DIVRIĞI IRON ORE MINE (DIVRIĞI DEMİR MADENLERİ İŞLETMESİ)

By law (No. 6559 and date : 13-5-1955), Divriği Iron ore mine was transferred to the General Directorate of the Iron and Steel Operations 21-6-1955.

Production until 20-6-1955 ..... 165,310 Ton

Total production for 11 months ..... 482,059 »

(According to the information obtained from the Ministry of Economy and Commerce, General Directorate, Department of Mines)

VII - KEÇİBORLU SULPHUR MINE (KEÇİBORLU KÜKÜRTLERİ İŞLETMESİ)

Keçiborlu Sulphur Mine 1955 Production (Ton)

| Ore    | Pure powder | Pure Sulphur | Flotation (pure powder included) | Total Ton | Total (Bag) |
|--------|-------------|--------------|----------------------------------|-----------|-------------|
| 33,137 | 7,785,450   | 3,714,550    | 3,247,800                        | 11,500    | 230,000     |

Keçiborlu Sulphur Mine, Cost of labour and outputs in 1955

| L a b o u r      |                     |                 |                   |                  |                     | Output (for 11 months) |                   |                |                 |                          |      |       |     |     |
|------------------|---------------------|-----------------|-------------------|------------------|---------------------|------------------------|-------------------|----------------|-----------------|--------------------------|------|-------|-----|-----|
| Mine             |                     |                 | Refinery          |                  |                     | Overall                |                   |                |                 |                          |      |       |     |     |
| Number of labour | Number of daily pay | Wages paid T.L. | Average wage T.L. | Number of labour | Number of daily pay | Wages paid T.L.        | Average wage T.L. | Mining per man | Overall per man | Sulphur Refinery per man |      |       |     |     |
| 35               | 12,593              | 67,603          | 5.37              | 77               | 27,563              | 154,217                | 5.60              | 2.97           | 106,207         | 618,559                  | 5.82 | 3,410 | 955 | 326 |

Social Expenses . . . . . : 262,390 T.L.  
Social expense per man shift . . . . . : 2.47 »

Plants put into operation between 31/3/1955 and 10.4.1955

Important improvements towards the electrification of the country were recorded during the end of March and the beginning of April :

Extension plant of 60,000 kilowatt to Çatalağzı power station was put into operation on 31/3/1955. Çatalağzı - Karabük - Ankara power transmission line and the Ankara transformer centre were put into operation with a ceremony which took place on 5/4/1955.

Tunçbilek thermal power station started supplying electric current to Eskişehir, Bursa and İzmit by interconnection to the electrical grid system on 6/4/1955.

Seyhan hydroelectric power station was put into operation and started feeding electricity to Mersin, Adana, Tarsus and the surrounding regions on 8/4/1955.

TABLE SHOWING THE TEMPORARY FIGURES OF THE PRODUCTION  
AND SHIPPED TONNAGE BY PRIVATE INTERPRIZE AND  
COMPANIES DURING 11 MONTHS OF 1955

| <u>Items</u> | <u>Production Ton</u> | <u>Shipped tonnage<br/>(Sales at home market<br/>included)</u> |
|--------------|-----------------------|--|
| Asbestos     | 65                    | —  |
| Antimony     | 2,055                 | 1,132  |
| Boracite     | 37,938                | 25,962   |
| Iron         | 249,888               | 226,124  |
| Manganese    | 42,097                | 28,422   |
| Lignite      | 533,091               | 487,876  |
| Chromium     | 424,698               | 341,686  |