

List of trenches and galleries

1. Number of trench :	TD-1
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, Mo.2
5. Coordinates :	27.23 N, 12.34 E
6. Altitude :	2,160 m
7. Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8. Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot trench, gallery (closed) for exploitation
9. Type etc. :	
10. Host rock :	strongly serpentized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike * dip *
	(Direction of the ore zone ; N 70° E)
Scale of the orebody observed ;	extension to strike-side * m
	extension to dip-side 1 m
	width 0.6 m
Shape of the orebody ;	lenticular
12. Chromite banding around the orebody ;	strike N 27° - 40° W dip 28° - 50° SW
13. Fault around the orebody :	strike E dip 50° N
14. Ore :	
Type of the ore ;	brecciated *
Ore minerals ;	chromite (uvarovite)
Grade of the ore ;	macroscopic estimation, 30 - 35 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 5 m
	extension to dip-side 2 m
	width 1.5 m
16. Volume of the trench estimated :	24 m ³
17. The largest amount of the ore estimated which is taken from the trench :	50 ton
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TD-2,3,4,5,6,7,8,9,10
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-2
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.29 N, 12.48 E
6.	Altitude :	2,211 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot pit for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike * dip *
		(Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m
		extension to dip-side 0.7 m
		width 1 m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	strike N 86° E dip 60° N
13.	Fault around the orebody :	assumed, strike N 80° W dip 60° S
14.	Ore :	
	Type of the ore ;	(massive *), disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 25 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 3 m
		extension to dip-side 1 m
		width 1.4 m
16.	Volume of the trench estimated :	16 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	15 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,3,4,5,6,7,8,9,10
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-3
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.26 N, 12.62 E
6.	Altitude :	2,210 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale Erzurum, 10 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike * dip *
		(Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m
		extension to dip-side 0.5 m
		width 1 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 0° – 14° W dip 50° – 70° W
13.	Fault around the orebody :	assumed, strike N 45° E dip 78° NW
14.	Ore :	
	Type of the ore ;	(massive *), disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 25 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 7 m
		extension to dip-side 1 m
		width 2 m
16.	Volume of the trench estimated :	112 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	49 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,2,4,5,6,7,8,9,10
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-4
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, 1-44, b1, No.2
5.	Coordinates :	27.28 N, 12.65 E
6.	Altitude :	2,225 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale Erzurum, 10 minutes from Sıçankale Y., on foot trench, gallery (closed) for exploration
9.	Type etc. :	
10.	Host rock :	strongly serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike * dip *
		(Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m
		extension to dip-side 1 m
		width 2 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 25 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m
		extension to dip-side 1.5 m
		width 4 m
16.	Volume of the trench estimated :	75 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	210 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,2,3,5,6,7,8,9,10
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1. Number of trench :	TD-5
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, No.2
5. Coordinates :	27.27 N, 12.69 E
6. Altitude :	2,225 m
7. Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8. Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot trench, gallery (closed) for exploitation
9. Type etc. :	
10. Host rock :	serpentinized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike N 60° E dip 20° NW (Direction of the ore zone ; N 70° E)
Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1 m width 3 m
Shape of the orebody ;	lenticular
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	strike N 40° E dip 40° NW
14. Ore :	
Type of the ore ;	brecciated
Ore minerals ;	chromite (uvarovite)
Grade of the ore ;	macroscopic estimation, 25 - 40 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 1.5 m width 1.5 m
16. Volume of the trench estimated :	206 m ³
17. The largest amount of the ore estimated which is taken from the trench :	78 ton
18. Amount of stock of the ore :	90 ton
19. Relation to the other trenches and galleries :	TD-1,2,3,4,6,7,8,9,10
20. Laboratorical tests :	-
21. Remarks :	refer Plate 7-2

List of trenches and galleries

1. Number of trench :	TD-6
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, No.2
5. Coordinates :	27.31 N, 12.69 E
6. Altitude :	2,245 m
7. Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8. Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot pit for exploration
9. Type etc. :	
10. Host rock :	serpentinized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike * dip *
	(Direction of the ore zone ; N 70° E)
Scale of the orebody observed ;	extension to strike-side * m
	extension to dip-side 0.5 m
	width 3 m
Shape of the orebody ;	*
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	strike N 80° W dip 70° N
14. Ore :	
Type of the ore ;	disseminated
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 25 - 30 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 8 m
	extension to dip-side 1 m
	width 5 m
16. Volume of the trench estimated :	20 m ³
17. The largest amount of the ore estimated which is taken from the trench :	10 ton
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TD-1,2,3,4,5,7,8,9,10
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-7
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.27 N, 12.78 E
6.	Altitude :	2,230 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot trench, gallery (open) for exploitation
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 50° E dip 65° SW* (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1.5 m width 12 m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	strike N 20° - 34° W dip 30° - 80° SW
13.	Fault around the orebody :	strike N 18° E dip 50° W
14.	Ore :	
	Type of the ore ;	brecciated, disseminated
	Ore minerals ;	chromite (uvarovite)
	Gangue minerals ;	serpentine, magnetite, brucite, talc
	Grade of the ore ;	macroscopic estimation, 35 - 40 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 1.5 m extension to dip-side 1.5 m width 12 m
16.	Volume of the trench estimated :	276 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	(Length of the gallery 16 m) 95 ton
18.	Amount of stock of the ore :	38 ton
19.	Relation to the other trenches and galleries :	TD-1,2,3,4,5,6,8,9,10
20.	Laboratorical tests :	thin section (D-38) X-ray diffractive analysis (D-59)
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-8
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.30 N, 12.72 E
6.	Altitude :	2,238 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 50°W dip 50°SW* (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1 m width 5 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	strike N 30°E - N 20°W dip 40 - 60°NW
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 - 40% Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 2.5 m width 6 m
16.	Volume of the trench estimated :	281 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	525 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,2,3,4,5,6,7,9,10
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-9
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.33 N, 12.73 E
6.	Altitude :	2,238 m
7.	Name of the mine :	Sıcankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıcankale Y., Aşkale, Erzurum, 10 minutes from Sıcankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike * dip *
		(Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m
		extension to dip-side 1 m
		width 1 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 40° W dip 30° – 40° SW
13.	Fault around the orebody :	strike N 40° W dip 70° SW
14.	Ore :	
	Type of the ore ;	brecciated, disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m
		extension to dip-side 2.5 m
		width 2 m
16.	Volume of the trench estimated :	188 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	175 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,2,3,4,5,6,7,8,10
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-10
2.	Project No. :	78/26
3.	Area :	Kopdag
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.32 N, 12.75 E
6.	Altitude :	2,245 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 10 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	
	Direction of the orebody ;	strike N 80°W dip 20°S (Direction of the ore zone ; N 70°E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1 m width 1.5 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike E dip 12°S, strike N 38°E dip 35°NW
13.	Fault around the orebody :	strike N 80°W, N 75° E dip 60°S, 60°NW (in turn)
14.	Ore :	
	Type of the ore ;	brecciated, disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 – 40 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 4 m extension to dip-side 5 m width 2.5 m
16.	Volume of the trench estimated :	188 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	175 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-1,2,3,4,5,6,7,8,9
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-11
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, 1-44, b1, No.2
5.	Coordinates :	27.51 N, 13.39 E
6.	Altitude :	2,301 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr., Sıçankale Y., Aşkale, Erzurum, 105 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	strongly serpentized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 70° E dip 50° SE (Direction of the ore zone ; N 60° E)
	Scale of the orebody observed ;	extension to strike-side 7 m extension to dip-side 0.5 m width 0.7 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 30 - 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 7 m extension to dip-side 2 m width 1.5 m
16.	Volume of the trench estimated :	216 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	53 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-12
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-12
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.53 N, 13.51 E
6.	Altitude :	2,334 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Külekçinin Sr. , Sıçankale Y. , Aşkale, Erzurum, 10 minutes from Sıçankale Y. , on foot trench for exploitation
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 60° E dip 55° SE (Direction of the ore zone ; N 60° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 0.2 m width 0.2 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 25° E dip 60° NW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated *
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 40 % Cr ₂ O ₃ *
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 2.5 m width 3 m
16.	Volume of the trench estimated :	800 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	131 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-11
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

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|--|---|
| 1. Number of trench : | TD-13 |
| 2. Project No. : | 78/26 |
| 3. Area : | Kopdağ |
| 4. Map No. : | Erzincan, i-44, b1, No.2 |
| 5. Coordinates : | 27.69 N, 14.15 E |
| 6. Altitude : | 2,371 m |
| 7. Name of the mine : | Sıçankale (2,000) (northern chrome zone) |
| 8. Location and communication : | Catınardınudere, Sıçankale Y., Aşkale, Erzurum
35 minutes from Sıçankale., on foot trench for exploration |
| 9. Type etc. : | |
| 10. Host rock : | serpentinized dunite |
| 11. Orebody : | |
| Stratigraphic horizon in ultrabasic rocks ; | upper horizon (footwall-side orebody) |
| Amount of the orebody ; | 2 |
| Direction of the orebody ; | strike N 80°E, N 55°W dip 55°N, 75°NW (in turn)
(Direction of the ore zone ; N 60°E) |
| Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 0.5 m
width 1.5 m |
| Shape of the orebody ; | lenticular |
| 12. Chromite banding around the orebody : | strike N 10°E dip 45°W, strike N 18° - 35°W |
| 13. Fault around the orebody : | strike N 60° - 70°W dip 68°W, 65°E |
| 14. Ore : | dip 40°, 80°N |
| Type of the ore ; | massive, brecciated |
| Ore minerals ; | chromite (uvarovite) |
| Gangue minerals ; | serpentine, magnetite, aragonite |
| Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃
analytical value, 32.24 % Cr ₂ O ₃ , from the stockpile, random sample |
| 15. The largest scale of the orebody estimated : | extension to strike-side 5, 7 m
extension to dip-side 2, 3 m
width 1, 1.5 m (in turn) |
| 16. Volume of the trench estimated : | 396 m ³ |
| 17. The largest amount of the ore estimated which is taken from the trench : | 125 ton |
| 18. Amount of stock of the ore : | 10 ton |
| 19. Relation to the other trenches and galleries : | TD-14,36 |
| 20. Laboratorial tests : | chemical analysis of the ore (Dcr-1)
X-ray diffractive analysis (D-60) |
| 21. Remarks : | refer Plate 7-2 |

List of trenches and galleries

1. Number of trench :	TD-14
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, bl, No.2
5. Coordinates :	27.73 N, 14.27 E
6. Altitude :	2,413 m
7. Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8. Location and communication :	Catınardınıdere, Sıçankale Y., Aşkale, Erzurum, 35 minutes from Sıçankale Y., on foot trench for exploration
9. Type etc. :	
10. Host rock :	serpentinized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
Amount of the orebody ;	1
Direction of the orebody ;	strike N 50° W dip 35° NE (Direction of the ore zone ; N 60° E)
Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 0.2 m width 0.4 m
Shape of the orebody ;	lenticular
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	strike E dip 80° N
14. Ore :	
Type of the ore ;	brecciated
Ore minerals ;	chromite (uvarovite)
Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 4 m extension to dip-side 2 m width 1 m
16. Volume of the trench estimated :	250 m ³
17. The largest amount of the ore estimated which is taken from the trench :	28 ton
18. Amount of stock of the ore :	7 ton
19. Relation to the other trenches and galleries :	TD-13,36
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-15
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.93 N, 15.09 E
6.	Altitude :	2,545 m
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8.	Location and communication :	Akdağın Sr., Sıçankale Y., Aşkale, Erzurum, 120 minutes from Sıçankale Y., on foot
9.	Type etc. :	trench for exploration
10.	Host rock :	serpentinized harzburgite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	uppermost horizon
	Amount of the orebody ;	
	Direction of the orebody ;	strike N 22°E dip 66°NW (Direction of the ore zone ; E *)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 0.2 m width 0.2 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 50°E dip 45°NW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35% Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 3 m extension to dip-side 2 m width 1 m
16.	Volume of the trench estimated :	150 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	21 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-16
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-16
2.	Project No. :	78/26
3.	Area :	Kopdag ^y
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.13 N, 15.28 E
6.	Altitude :	2,500 m
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8.	Location and communication :	Akdağın Sr., Sıçankale Y., Aşkale, Erzurum, 120 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized harzburgite and pyroxenite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	uppermost horizon
	Amount of the orebody ;	
	Direction of the orebody ;	strike N 15° E dip 50° NW (Direction of the ore zone ; E *)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 0.2 m width 0.5 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 40 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 3 m extension to dip-side 2.5 m width 1 m
16.	Volume of the trench estimated :	155 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	26 ton
18.	Amount of stock of the ore :	10 ton
19.	Relation to the other trenches and galleries :	TD-15
20.	Laboratorial tests :	X-ray diffractive analysis (D-61)
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TD-17
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	29.07 N, 16.50 E
6.	Altitude :	2,375 m
7.	Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Bendindere, Sıçankale Y., Aşkale, Erzurum, 25 minutes from Sıçankale Y., by jeep trench for exploration
9.	Type etc. :	
10.	Host rock :	strongly serpentized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 12° E dip 45° W (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 4 m width 3 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 4° - 22° W dip 32° - 35° W
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive, brecciated
	Ore minerals ;	chromite (uvarovite)
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated ;	extension to strike-side 4 m extension to dip-side 3 m width 2 m
16.	Volume of the trench estimated :	150 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	84 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-18, 19, 20, 21, 22, 23, 24, 25
20.	Laboratorial tests :	polished section (Dcr-15)
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TD-18 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.2 |
| 5. | Coordinates : | 28.04 N, 16.55 E |
| 6. | Altitude : | 2,403 m |
| 7. | Name of the mine : | Batı Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Bendindere, Sıçankale Y., Aşkale,
Erzurum,
25 minutes from Sıçankale Y., by jeep
trench for exploitation |
| 9. | Type etc. : | |
| 10. | Host rock : | strongly serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 4° E – N 40° E dip 42° – 60° NW
(Direction of the ore zone ; N 70° E) |
| | Scale of the orebody observed ; | extension to strike-side 23 m
extension to dip-side 2.5 m
width 1 m |
| | Shape of the orebody ; | layered |
| 12. | Chromite banding around the
orebody : | strike N 40° E dip 43° NW |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | brecciated |
| | Ore minerals ; | chromite (uvarovite) |
| | Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃ |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 20 m
extension to dip-side 2.5 m
width 1.5 m |
| 16. | Volume of the trench estimated : | 350 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 263 ton |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | TD-17,19,20,21,22,23,24,25 |
| 20. | Laboratorial tests : | X-ray diffractive analysis (D-62) |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

1.	Number of trench :	TD-19
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.07 N, 16.58 E
6.	Altitude :	2,395 m
7.	Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Bendindere, Sıçankale Y. , Aşkale, Erzurum, 25 minutes from Sıçankale Y. , by jeep
9.	Type etc. :	trench for exploitation
10.	Host rock :	strongly serpentized dunite and serpentinite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike 40° - 50° E dip 40° NW (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side 1 m extension to dip-side 2 m width 1 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 20° - 30° W dip 50° - 60° SW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 6 m extension to dip-side 2.5 m width 1.5 m
16.	Volume of the trench estimated :	385 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	79 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-17, 18, 20, 21, 22, 23, 24, 25
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

- | | | |
|-----|--|--|
| 1. | Number of trench : | TD-20 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdag ^v |
| 4. | Map No. : | Erzincan, i-44, b1, No.2 |
| 5. | Coordinates : | 28.11 N, 16.58 E |
| 6. | Altitude : | 2,380 m |
| 7. | Name of the mine : | Batı Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Bendindere, Sıçankale Y., Aşkale
Erzurum,
25 minutes from Sıçankale Y., by jeep
trench for exploration |
| 9. | Type etc. : | |
| 10. | Host rock : | strongly serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 35° E dip 40° NW
(Direction of the ore zone ; N 70° E) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 0.7 m
width 0.5 m |
| | Shape of the orebody ; | lenticular |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | massive |
| | Ore minerals ; | chromite |
| | Grade of the ore ; | macroscopic estimation, 30 % Cr ₂ O ₃ |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 4 m
extension to dip-side 2 m
width 1 m |
| 16. | Volume of the trench estimated : | 150 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 28 ton |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | TD-17,18,19,21,22,23,24,25 |
| 20. | Laboratorial tests : | - |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

1.	Number of trench :	TD-21
2.	Project No. :	78/26
3.	Area :	Kopdag ^v
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.13 N, 16.64 E
6.	Altitude :	2,390 m
7.	Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Bendindere, Sıçankale Y., Aşkale, Erzurum, 25 minutes from Sıçankale Y., by jeep trench for exploitation
9.	Type etc. :	
10.	Host rock :	strongly serpentinized dunite and serpentinite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 30° E dip 50° NW (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side 1.5 m extension to dip-side 0.5 m width 1.5 m
	Shape of the orebody ;	layered
12.	Chromite banding around the orebody :	strike N 24° - 30° E dip 40° - 50° NW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite, (uvarovite)
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 40 m extension to dip-side 1 m width 5 m
16.	Volume of the trench estimated :	270 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	210 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-17, 18, 19, 20, 22, 23, 24, 25
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

- | | | |
|-----|--|--|
| 1. | Number of trench : | TD-22 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.2 |
| 5. | Coordinates : | 28.16 N, 16.68 E |
| 6. | Altitude : | 2,390 m |
| 7. | Name of the mine : | Batı Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Bendindere, Sıçankale Y., Aşkale,
Erzurum,
25 minutes from Sıçankale Y., by jeep
trench for exploitation |
| 9. | Type etc. : | |
| 10. | Host rock : | serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 75° E dip 65° NW
(Direction of the ore zone ; N 70° E) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 1 m
width 1.5 m |
| | Shape of the orebody ; | lenticular |
| 12. | Chromite banding around the
orebody : | strike N 15° E dip 80° W |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | massive, brecciated |
| | Ore minerals ; | chromite |
| | Gangue minerals ; | serpentine, magnetite (common) |
| | Grade of the ore ; | macroscopic estimation, 30 % Cr ₂ O ₃ , analytical
value, 27.22 % Cr ₂ O ₃ from the stockpile, random |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 8 m sample
extension to dip-side 2 m
width 3 m |
| 16. | Volume of the trench estimated : | 425 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 168 ton |
| 18. | Amount of stock of the ore : | 10 ton |
| 19. | Relation to the other trenches
and galleries : | TD-17,18,19,20,21,23,24,25 |
| 20. | Laboratorial tests : | chemical analysis of the ore (Dcr-4)
polished section (Dcr-4) |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

1. Number of trench :	TD-23
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, No.2
5. Coordinates :	28.14 N, 16.73 E
6. Altitude :	2,417 m
7. Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8. Location and communication :	Bendindere, Sıçankale Y., Aşkale, Erzurum, 25 minutes from Sıçankale Y., by jeep trench for exploration
9. Type etc. :	
10. Host rock :	serpentinite (powdery)
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike * dip *
Scale of the orebody observed ;	(Direction of the ore zone ; N 70°E)
	extension to strike-side * m
	extension to dip-side 0.5 m
	width 1 m
Shape of the orebody ;	*
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	not observed
14. Ore :	
Type of the ore ;	powdery
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 25 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 4 m
	extension to dip-side 0.5 m
	width 1 m
16. Volume of the trench estimated :	20 m ³
17. The largest amount of the ore estimated which is taken from the trench :	7 ton
18. Amount of stock of the ore ;	-
19. Relation to the other trenches and galleries :	TD-17,18,19,20,21,22,24,25
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-1

List of trenches and galleries

1.	Number of trench :	TD-24
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.16 N, 16.77 E
6.	Altitude :	2,430 m
7.	Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Bendindere, Sığankale Y., Aşkale, Erzurum, 25 minutes from Sığankale Y., by jeep trench for exploration
9.	Type etc. :	
10.	Host rock :	serpentinite (powdery)
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 65° E dip *
	Scale of the orebody observed ;	(Direction of the ore zone ; N 70° E) extension to strike-side * m extension to dip-side 0.5 m width 1.5 m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	powdery
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 25 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 6 m extension to dip-side 0.5 m width 1.5 m
16.	Volume of the trench estimated :	53 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	16 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-17, 18, 19, 20, 21, 22, 23, 25
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

1.	Number of trench :	TD-25
2.	Project No. :	78/26
3.	Area :	Kopdag ^v
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.16 N, 16.79 E
6.	Altitude :	2,415 m
7.	Name of the mine :	Batı Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Bendindere, Sıçankale Y. , Aşkale, Erzurum, 25 minutes from Sıçankale Y. , by jeep trench for exploration
9.	Type etc. :	
10.	Host rock :	strongly serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 90° E dip 38° N (Direction of the ore zone ; N 70° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1 m width 1 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 50° E dip 50° NW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite (uvarovite)
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 5 m extension to dip-side 2 m width 1.5 m
16.	Volume of the trench estimated :	120 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	45 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TD-17,18,19,20,21,22,23,24
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

1.	Number of trench :	TD-26		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b2, No.1		
5.	Coordinates :	28.59 N,	17.84 E	
6.	Altitude :	2,520 m		
7.	Name of the mine :	Büyükşivri Tepe (10,000)(northern chrome zone)		
8.	Location and communication :	Büyükşivri Tepe, Sıçankale Y., Aşkale, Erzurum, 35 minutes from Sıçankale Y., on foot and by car		
9.	Type etc. :	trench for exploration		
10.	Host rock :	serpentinite (powdery)		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side	25 m	
		extension to dip-side	10 m	
		width	1 m	
	Shape of the orebody ;	lenticular		
12.	Chromite banding around the orebody :	strike N 14° E * dip 28° W *		
13.	Fault around the orebody :	strike N 10° W dip 30° E		
14.	Ore :			
	Type of the ore ;	disseminated, powdery		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃		
15.	The largest scale of the orebody estimated :	extension to strike-side	25 m	
		extension to dip-side	10 m	
		width	1 m	
16.	Volume of the trench estimated :		323 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		175 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TD-27, 28		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-1		

List of trenches and galleries

1.	Number of trench :	TD-27	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Trabzon, h-44, c3, No.4	
5.	Coordinates :	28.98 N, 18.40 E	
6.	Altitude :	2,625 m	
7.	Name of the mine :	Büyük sivri Tepe (10,000) (northern chrome zone)	
8.	Location and communication :	Büyük sivri Tepe, Sıçankale Y. , Aşkale, Erzurum, 35 minutes from Sıçankale Y. , on foot and by car	
9.	Type etc. :	pit for exploration	
10.	Host rock :	strongly serpentized dunite and serpentinite (powdery)	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 80°E dip *	
		(Direction of the ore zone ; *)	
	Scale of the orebody observed ;	extension to strike-side	6 m
		extension to dip-side	0.5 m
		width	0.5 m
	Shape of the orebody ;	lenticular	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	brecciated, powdery	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃	
15.	The largest scale of the orebody estimated :	extension to strike-side	6 m
		extension to dip-side	1 m
		width	3 m
16.	Volume of the trench estimated :	70	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	63	ton
18.	Amount of stock of the ore :	1 ton	
19.	Relation to the other trenches and galleries :	TD-26,28	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-1	

List of trenches and galleries

- | | | | | |
|-----|--|---|---------|-------|
| 1. | Number of trench : | TD-28 | | |
| 2. | Project No. : | 78/26 | | |
| 3. | Area : | Kopdağ | | |
| 4. | Map No. : | Trabzon, h-44, c3, No.4 | | |
| 5. | Coordinates : | 28.89 N, | 18.45 E | |
| 6. | Altitude : | 2,590 m | | |
| 7. | Name of the mine : | Büyük sivri Tepe (10,000) (northern chrome zone) | | |
| 8. | Location and communication : | Büyük sivri Tepe, Sıçankale Y., Aşkale,
Erzurum, 35 minutes from Sıçankale Y.,
on foot and by car | | |
| 9. | Type etc. : | trench for exploration | | |
| 10. | Host rock : | serpentinized dunite | | |
| 11. | Orebody : | Stratigraphic horizon in
ultrabasic rocks ; upper horizon | | |
| | Amount of the orebody ; | 1 | | |
| | Direction of the orebody ; | strike | * | dip * |
| | | (Direction of the ore zone ; *) | | |
| | Scale of the orebody observed ; | extension to strike-side | * | m |
| | | extension to dip-side | 0.5 | m |
| | | width | 0.02 | m |
| | Shape of the orebody ; | lenticular | | |
| 12. | Chromite banding around the
orebody : | not observed | | |
| 13. | Fault around the orebody : | not observed | | |
| 14. | Ore : | Type of the ore ; brecciated | | |
| | Ore minerals ; | chromite | | |
| | Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃ | | |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side | 7 | m |
| | | extension to dip-side | 1 | m |
| | | width | 3 | m |
| 16. | Volume of the trench estimated : | 2,700 m ³ | | |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 74 ton * | | |
| 18. | Amount of stock of the ore : | 11 ton | | |
| 19. | Relation to the other trenches
and galleries : | TD-26,27 | | |
| 20. | Laboratorial tests : | - | | |
| 21. | Remarks : | refer Plate 7-1 | | |

List of trenches and galleries

1.	Number of trench :	TD-29
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Trabzon, h-44, c3, No.4
5.	Coordinates :	29.98 N, 18.65 E
6.	Altitude :	2,665 m
7.	Name of the mine :	Coşan (2,000) (northern chrome zone)
8.	Location and communication :	Iskınığindere, Kop, Bayburt, Gümüştane, 30 minutes from Sıçankale Y., by car
9.	Type etc. :	trench for exploitation
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 40° E dip 40° NW (Direction of the ore zone ; N 45° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 0.5 m width 1 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 50° W dip 50° SW
13.	Fault around the orebody :	strike N dip 85° W
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 15 m extension to dip-side 1.5 m width 1.5 m
16.	Volume of the trench estimated :	1,375 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	118 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TC-30, TD-30,31,32,33,34,35,38
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

1. Number of trench :	TD-30
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Trabzon, h-44, c3, No.4
5. Coordinates :	30.23 N, 18.71 E
6. Altitude :	2,600 m
7. Name of the mine :	Coşan (2,000) (northern chrome zone)
8. Location and communication :	İskunluğindere, Kop, Bayburt, Gümüşhane, 30 minutes from Sıçankele Y., by car
9. Type etc. :	trench for exploration
10. Host rock :	serpentinized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike N 10° W dip 85° E *
Scale of the orebody observed ;	(Direction of the ore zone ; *)
	extension to strike-side * m
	extension to dip-side 0.5 m
	width 2 m
Shape of the orebody ;	layered
	Orebody is found in the fault zone.
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	strike N 40° W - 20° E dip 80° NE
14. Ore :	
Type of the ore ;	massive, brecciated
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 13 m
	extension to dip-side 5 m
	width 2 m
16. Volume of the trench estimated :	7,875 m ³
17. The largest amount of the ore estimated which is taken from the trench :	455 ton
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TC-30, TD-29,31,32,33,34,35,38
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-1

List of trenches and galleries

1.	Number of trench :	TD-31 *
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Trabzon, h-44, c3, No.4
5.	Coordinates :	30.05 N, 18.73 E
6.	Altitude :	2,655 m
7.	Name of the mine :	Coşan (2,000) (northern chrome zone)
8.	Location and communication :	İskınlığındere, Kop, Bayburt, Gümüşhane 30 minutes from Sıçankale Y., by car
9.	Type etc. :	trench for exploitation
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 30°E, N 75°E dip 80°NW, 70°S (in turn) (Direction of the ore zone ; N 45°E)
	Scale of the orebody observed ;	extension to strike-side 55 m extension to dip-side 2.5 m width 3 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 50° - 90°W dip 20° - 68°SW
13.	Fault around the orebody :	strike N 45° - 50°W dip 45°SW, 85°NE
14.	Ore :	N 25° - 60°E dip 50° - 65°NW, 70°SE etc.
	Type of the ore ;	massive, disseminated, brecciated, powdery
	Ore minerals ;	chromite (uvarovite) (kaemmererite)
	Gangue minerals ;	serpentine, magnetite (common)
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 50 m extension to dip-side 2 m width 1.5 m
16.	Volume of the trench estimated :	2,800 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	763 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TC-30, TD-29, 30, 32, 33, 34, 35, 36
20.	Laboratorial tests :	polished section (Dcr-14)
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TD-32 * |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdag |
| 4. | Map No. : | Trabzon, h-44, c3, No.4 |
| 5. | Coordinates : | 30.20 N, 18.79 E |
| 6. | Altitude : | 2,630 m |
| 7. | Name of the mine : | Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Iskinlığindere, Kop, Bayburt, Gümüşhane
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | trench for exploitation |
| 10. | Host rock : | serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 10°W - E dip 60° - 70°W
(Direction of the ore zone ; N) |
| | Scale of the orebody observed ; | extension to strike-side 90 m
extension to dip-side 3 m
width 2 m |
| | Shape of the orebody ; | layered |
| 12. | Chromite banding around the orebody : | strike N 40° - 50°W dip 40° - 60°SW |
| 13. | Fault around the orebody : | strike N 10° - 40°E dip 40° 80°W
Fault is observed along the hangingwall of the orebody. |
| 14. | Ore : | |
| | Type of the ore ; | massive, disseminated, banded |
| | Ore minerals ; | chromite |
| | Gangue minerals ; | serpentine, artinite, brucite |
| | Grade of the ore ; | macroscopic estimation, 35 - 40 % Cr ₂ O ₃ |
| 15. | The largest scale of the orebody estimated : | extension to strike-side 90 m
extension to dip-side 7 m
width 4 m |
| 16. | Volume of the trench estimated : | 8,970 m ³ |
| 17. | The largest amount of the ore estimated which is taken from the trench : | 7,290 ton |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches and galleries : | TC-30, TD-29,30,31,33,34,35,38 |
| 20. | Laboratorical tests : | X-ray diffractive analysis (D-63) |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

- | | | |
|-----|--|--|
| 1. | Number of trench : | TD-33 * |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Trabzon, h-44, c3, No.4 |
| 5. | Coordinates : | 30.25 N, 18.81 E |
| 6. | Altitude : | 2,592 m |
| 7. | Name of the mine : | Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Iskınığündere, Kop, Bayburt, Gümüşhane
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | trench for exploitation |
| 10. | Host rock : | serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N dip 40°W
(Direction of the ore zone ; N) |
| | Scale of the orebody observed ; | extension to strike-side 45 m
extension to dip-side 5 m
width 10 m |
| | Shape of the orebody ; | lenticular |
| 12. | Chromite banding around the
orebody : | strike N 20° W - N 45° E dip 40° - 50° W |
| 13. | Fault around the orebody : | strike N 10° - 30° W dip 40° - 60° W, 65° - 70° E etc. |
| 14. | Ore : | |
| | Type of the ore ; | massive, banded |
| | Ore minerals ; | chromite |
| | Gangue minerals ; | serpentine, magnetite (abundant), olivine |
| | Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃
analytical value, 37.59 % Cr ₂ O ₃ from the
stockpile, random sample |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 45 m
extension to dip-side 10 m
width 13 m |
| 16. | Volume of the trench estimated : | 17,770 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 21,875 ton |
| 18. | Amount of stock of the ore : | variable |
| 19. | Relation to the other trenches
and galleries : | TC-30, TD-29,30,32,34,35,38 |
| 20. | Laboratorical tests : | chemical analysis of the ore (Dcr-6)
polished section (Dcr-6) |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TD-34 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Trabzon, h-44, c3, No.4 |
| 5. | Coordinates : | 30.66 N, 18.78 E |
| 6. | Altitude : | 2,485 m |
| 7. | Name of the mine : | Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Iskinligindere, Kop, Bayburt, Gümüşhane
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | trench for exploration |
| 10. | Host rock : | strongly serpentized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon (footwall-side orebody) |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 52° W dip 60° NE
(Direction of the ore zone ; *) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 0.3 m
width 0.5 m |
| | Shape of the orebody ; | lenticular |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | brecciated |
| | Ore minerals ; | chromite |
| | Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃ |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 4 m
extension to dip-side 2.5 m
width 0.5 m |
| 16. | Volume of the trench estimated : | 500 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 18 ton |
| 18. | Amount of stock of the ore : | 4 ton |
| 19. | Relation to the other trenches
and galleries : | TC-30, TD-29, 30, 31, 32, 33, 35, 38 |
| 20. | Laboratorial tests : | - |
| 21. | Remarks : | refer Plate 7-1 |

List of trenches and galleries

- | | |
|--|---|
| 1. Number of trench : | TD-35 |
| 2. Project No. : | 78/26 |
| 3. Area : | Kopdağ |
| 4. Map No. : | Trabzon, h-44, c3, No.4 |
| 5. Coordinates : | 30.85 N, 18.91 E |
| 6. Altitude : | 2,470 m |
| 7. Name of the mine : | Coşan (2,000) (northern chrome zone) |
| 8. Location and communication : | Iskinlığindere, Kop, Bayburt, Gümüşhane
30 minutes from Sıçankale Y., by car |
| 9. Type etc. : | trench for exploration |
| 10. Host rock : | serpentinized dunite |
| 11. Orebody : | |
| Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| Amount of the orebody ; | 1 |
| Direction of the orebody ; | strike N 20° E dip 60° E
(Direction of the ore zone ; N 15° W) |
| Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 2 m
width 1.5 m |
| Shape of the orebody ; | lenticular |
| 12. Chromite banding around the
orebody : | strike N 10° - 15° W dip 30° W |
| 13. Fault around the orebody : | strike N 3° - 35° E dip 50° - 60° SE etc. |
| 14. Ore : | |
| Type of the ore ; | brecciated |
| Ore minerals ; | chromite |
| Grade of the ore ; | macroscopic estimation, 35 % Cr ₂ O ₃ |
| 15. The largest scale of the
orebody estimated : | extension to strike-side 15 m
extension to dip-side 4 m
width 3 m |
| 16. Volume of the trench estimated : | 2,660 m ³ |
| 17. The largest amount of the ore
estimated which is taken
from the trench : | 630 ton |
| 18. Amount of stock of the ore : | - |
| 19. Relation to the other trenches
and galleries : | TC-30, TD-29,30,31,32,33,34,38 |
| 20. Laboratorial tests : | - |
| 21. Remarks : | refer Plate 7-1 |

List of trenches and galleries

1.	Number of trench :	TD-36 (not surveyed in detail)
2.	Project No. :	78/26
3.	Area :	Kopdag ^v
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.66 N, 13.77 E
6.	Altitude :	2,315 m
7.	Name of the mine :	Sıçankale (2,000) (northern chorme zone)
8.	Location and communication :	Catinardındere, Sıçankale Y., Aşkale, Erzurum, 25 minutes from Sıçankale Y., on foot pit for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	*
	Direction of the orebody ;	strike * dip * (Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width * m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	strike N 30° E dip 40° NW
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side * m extension to dip-side * m width * m
16.	Volume of the trench estimated :	3 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*
18.	Amount of stock of the ore :	4 ton
19.	Relation to the other trenches and galleries :	TD-13,14
20.	Laboratorial tests :	-
21.	Remarks :	no sketch map

List of trenches and galleries

1.	Number of trench :	TD-37 (not surveyed in detail)
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Trabzon, h-44, c4, No.3
5.	Coordinates :	29.23 N, 14.35 E
6.	Altitude :	2,350 m
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8.	Location and communication :	Karadere, Sıçankale Y., Aşkale, Erzurum, 60 minutes from Sıçankale Y., on foot
9.	Type etc. :	2 pits for exploration
10.	Host rock :	strongly serpentized harzburgite, serpen- tinite
10.	Host rock :	
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	2
	Direction of the orebody ;	strike N 20° E, N 35° W dip 52° NW, 50° NE (in turn) (Direction of the ore zone ; N 60° W)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 1 m width 0.5 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	brecciated
	Ore minerals ;	chromite (uvarovite)
	Grade of the ore ;	macroscopic estimation, 40 % Cr ₂ O ₃ *
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 1 m width 2 m
16.	Volume of the trench estimated :	30 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	20 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	-
20.	Laboratorical tests :	-
21.	Remarks :	no sketch map

List of trenches and galleries

1. Number of trench :	TD-38 (not surveyed in detail)
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Trabzon, h-44, c3, No.4
5. Coordinates :	31.12 N, 19.04 E
6. Altitude :	2,405 m
7. Name of the mine :	Coşan (10,000) (northern chrome zone)
8. Location and communication :	Iskınığündere, Kop, Bayburt, Gümüşhane, 35 minutes from Sıçankale Y., on foot and by car
9. Type etc. :	trench for exploration
10. Host rock :	strongly serpentized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike N 35°W dip 40°NE (Direction of the ore zone ; N)
Scale of the orebody observed ;	extension to strike-side * m
	extension to dip-side 0.6 m
	width 0.6 m
Shape of the orebody ;	*
12. Chromite banding around the orebody :	strike N 10°E dip 40°SE
13. Fault around the orebody :	not observed
14. Ore :	
Type of the ore ;	brecciated, (powdery)
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 40% Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 9 m
	extension to dip-side 1 m
	width 0.6 m
16. Volume of the trench estimated :	27 m ³
17. The largest amount of the ore estimated which is taken from the trench :	19 ton
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TD-35
20. Laboratorial tests :	-
21. Remarks :	no sketch map

List of trenches and galleries

1.	Number of trench :	TD-39
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Trabzon, h-44, c3, No.4
5.	Coordinates :	31.79 N, 21.50 E
6.	Altitude :	2,150 m
7.	Name of the mine :	Çamlı Tepe (10,000) (northern chrome zone)
8.	Location and communication :	Arapçayıridere, Kop, Bayburt, Gümüşhane 100 minutes from Sıçankale Y., on foot and by car
9.	Type etc. :	pit for exploration
10.	Host rock :	strongly serpentinized dunite and serpen- tinite
10.	Host rock :	tinite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 50° - 60° E dip 60° NW (Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side 10 m extension to dip-side 1 m width 1 m
	Shape of the orebody ;	layered
12.	Chromite banding around the orebody :	strike N 80° E dip 80° N
13.	Fault around the orebody :	assumed, strike N 65° W, dip *
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 1 m width 1 m
16.	Volume of the trench estimated :	20 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	very small
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	-
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-1

List of trenches and galleries

- | | | |
|-----|--|--|
| 1. | Number of trench : | TD-40 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzurum, i-45, a1, No.4 |
| 5. | Coordinates : | 17.40 N, 32.56 E |
| 6. | Altitude : | 2,000 m |
| 7. | Name of the mine : | Çırmıt (25,000) |
| 8. | Location and communication : | Köy Tepe, Çırmıt, Aşkale, Erzurum,
80 minutes from Aşkale on foot and by jeep |
| 9. | Type etc. : | trench for exploration |
| 10. | Host rock : | serpentinized harzburgite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | lower horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 30° E dip 85° NW
(Direction of the ore zone ; N 30° E) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 0.5 m
width 0.5 m |
| | Shape of the orebody ; | lenticular |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | massive |
| | Ore minerals ; | chromite (uvarovite) |
| | Grade of the ore ; | macroscopic estimation, 40 % Cr ₂ O ₃ |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 10 m
extension to dip-side 0.7 m
width 1 m |
| 16. | Volume of the trench estimated : | 20 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 24 ton |
| 18. | Amount of stock of the ore : | 6 ton |
| 19. | Relation to the other trenches
and galleries : | TD-41 |
| 20. | Laboratorical tests : | - |
| 21. | Remarks : | refer Plate 7-9 |

List of trenches and galleries

1. Number of trench :	TD-41
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzurum, i-45, a1, No.4
5. Coordinates :	17.30 N, 32.50 E
6. Altitude :	2,020 m
7. Name of the mine :	Çırmit (25,000)
8. Location and communication :	Köy Tepe, Çırmit, Aşkale, Erzurum, 80 minutes from Aşkale on foot and by jeep
9. Type etc. :	trench for exploration
10. Host rock :	serpentinized harzburgite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	lower horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike N 18° E dip 80° W
Scale of the orebody observed ;	(Direction of the ore zone ; N 30° E) extension to strike-side 12 m extension to dip-side 2 m width 1.5 m
Shape of the orebody ;	layered
12. Chromite banding around the orebody ;	Footwall of the orebody runs along the fault not observed
13. Fault around the orebody :	strike N 20° E dip 80° W
14. Ore :	
Type of the ore ;	massive
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 12 m extension to dip-side 2 m width 1.5 m
16. Volume of the trench estimated :	26 m ³
17. The largest amount of the ore estimated which is taken from the trench :	very small
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TD-40
20. Laboratorical tests :	-
21. Remarks :	refer Plate 7-9

List of trenches and galleries

1. Number of trench :	TD-42 (not surveyed in detail)
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Trabzon, h-44, c3, No.4
5. Coordinates :	30.65 N, 19.05 E
6. Altitude :	2,540 m
7. Name of the mine :	Coşan (2,000) (northern chrome zone)
8. Location and communication :	İskunlığindere, Kop, Bayburt, Gümüşhane, 30 minutes from Sıçankale Y., by car
9. Type etc. :	trench for exploration
10. Host rock :	dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon
Amount of the orebody ;	1
Direction of the orebody ;	strike N 50° W dip 10° SW (Direction of the ore zone ; *)
Scale of the orebody observed ;	extension to strike-side - m extension to dip-side - m width - m
Shape of the orebody ;	- Powdery orebody is found in the trench.
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	not observed
14. Ore :	
Type of the ore ;	powdery
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, - analytical value, -
15. The largest scale of the orebody estimated :	extension to strike-side - m extension to dip-side - m width - m
16. Volume of the trench estimated :	* m ³
17. The largest amount of the ore estimated which is taken from the trench :	very small
18. Amount of stock of the ore :	-
19. Relation to the other trenches and galleries :	TC-30, TD-33
20. Laboratorial tests :	-
21. Remarks :	no sketch map

List of trenches and galleries

1.	Number of trench :	TD-43 (not surveyed in detail)	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Trabzon, h-44, c3, No.4	
5.	Coordinates :	29.95 N, 18.64 E	
6.	Altitude :	2,663 m	
7.	Name of the mine :	Coşan (2,000) (northern chrome zone)	
8.	Location and communication :	Isknlığındere, Kop, Bayburt, Gümüşhane, 30 minutes from Sıçankale Y., by car	
9.	Type etc. :	2 trenches for exploration	
10.	Host rock :	dunite	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon	
	Amount of the orebody ;	*	
	Direction of the orebody ;	*	
	Scale of the orebody observed ;	(Direction of the ore zone ; N 45° E) *	
	Shape of the orebody ;	*	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	*	
	Ore minerals ;	*	
	Grade of the ore ;	*	
15.	The largest scale of the orebody estimated :	*	
16.	Volume of the trench estimated :		25 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*	
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TD-29	
20.	Laboratorial tests :	-	
21.	Remarks :	no sketch map	

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TD-44 (not surveyed in detail) |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Trabzon, h-44, c3, No.4 |
| 5. | Coordinates : | 20.07 N, 19.00 E |
| 6. | Altitude : | 2,630 m |
| 7. | Name of the mine : | Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Isknlığındere, Kop, Bayburt, Gümüşhane,
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | 2 trenches for exploration |
| 10. | Host rock : | dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | * |
| | Direction of the orebody ; | * |
| | | (Direction of the ore zone ; *) |
| | Scale of the orebody observed ; | * |
| | Shape of the orebody ; | * |
| | | placer deposit |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | disseminated |
| | Ore minerals ; | chromite |
| | Grade of the ore ; | * |
| 15. | The largest scale of the
orebody estimated : | * |
| 16. | Volume of the trench estimated : | 6 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | very small |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | - |
| 20. | Laboratorical tests : | - |
| 21. | Remarks : | no sketch map |

List of trenches and galleries

1.	Number of trench :	TD-45 (not surveyed in detail)	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Trabzon, h-44, c3, No.4	
5.	Coordinates :	30.15 N,	18.76 E
6.	Altitude :	2,651 m	
7.	Name of the mine :	Coşan (2,000) (northern chrome zone)	
8.	Location and communication :	İskinlığındere, Kop, Bayburt, Gümüşhane, 30 minutes from Sıçankale Y., by car	
9.	Type etc. :	trench, for exploration	
10.	Host rock :	dunite	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon	
	Amount of the orebody ;	-	
	Direction of the orebody ;	(Direction of the ore zone ;	N 20° E)
	Scale of the orebody observed ;	extension to strike-side	- m
		extension to dip-side	- m
		width	- m
	Shape of the orebody ;	-	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	-	
	Ore minerals ;	-	
	Grade of the ore ;	-	
15.	The largest scale of the orebody estimated :	-	
16.	Volume of the trench estimated :		10 m ³
17.	The largest amount of the ore estimated which is taken from the trench ;	-	
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TD-31,32	
20.	Laboratorical tests :	-	
21.	Remarks :	no sketch map	

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TD-46 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.2 |
| 5. | Coordinates : | 28.04 N, 16.56 E |
| 6. | Altitude : | 2,400 m |
| 7. | Name of the mine : | Batı Coşan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Bendindere, Sıçankale Y., Aşkale, Erzurum,
25 minutes from Sıçankale Y., by jeep |
| 9. | Type etc. : | trench |
| 10. | Host rock : | serpentinized dunite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | - |
| | Amount of the orebody ; | - |
| | Direction of the orebody ; | - |
| | Scale of the orebody observed ; | - |
| | Shape of the orebody ; | - |
| | | This trench was made for carriage road. |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | - |
| | Ore minerals ; | - |
| | Grade of the ore ; | - |
| 15. | The largest scale of the
orebody estimated : | - |
| 16. | Volume of the trench estimated : | * |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | - |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | TD-18 |
| 20. | Laboratorial tests : | - |
| 21. | Remarks : | no sketch map |

List of trenches and galleries

- | | |
|--|---|
| 1. Number of trench : | TM-1* |
| 2. Project No. : | 78/26 |
| 3. Area : | Kopdağ |
| 4. Map No. : | Erzincan, i-44, b1, No.1 |
| 5. Coordinates : | 27.09 N, 07.64 E |
| 6. Altitude : | 2,000 m |
| 7. Name of the mine : | Sulu (2,000) (northern chrome zone) |
| 8. Location and communication : | Güllüdünder, Sıçankale Y., Aşkale,
Erzurum,
30 minutes from Sıçankale Y., by car |
| 9. Type etc. : | trench for exploitation |
| 10. Host rock : | serpentine |
| 11. Orebody : | upper horizon |
| Stratigraphic horizon in ultrabasic rocks ; | upper horizon (hangingwall-side, footwall-side orebody) |
| Amount of the orebody ; | 3 * N 50° - 85°E 40° - 80°N |
| Direction of the orebody ; | strike N 30° - 69°W, dip 31° - 48°SW
(Direction of the ore zone ; N 70°E, N 85°E) |
| Scale of the orebody observed ; | extension to strike-side 30 m
extension to dip-side 20 m
width 4 m |
| Shape of the orebody ; | lenticular, Orebody in the trench cannot be determined whether it belongs to the hanging-wall-side or footwall-side |
| 12. Chromite banding around the orebody : | strike N 69°W - 87°W dip 40° - 41°S |
| 13. Fault around the orebody : | strike N 43°W, N 32°E dip 47°SW, 45°NW |
| 14. Ore : | (in turn) |
| Type of the ore ; | massive, banded |
| Ore minerals ; | chromite |
| Grade of the ore ; | macroscopic estimation, 40 - 48% Cr ₂ O ₃
analytical value, 47.22% Cr ₂ O ₃ from the out-crop, high-grade part |
| 15. The largest scale of the orebody estimated : | extension to strike-side 40 m
extension to dip-side 10 m
width 8 m |
| 16. Volume of the trench estimated : | 18,000 m ³ |
| 17. The largest amount of the ore estimated which is taken from the trench : | 7,500 ton |
| 18. Amount of stock of the ore : | - |
| 19. Relation to the other trenches and galleries : | TC-10, 11, 12, 13, 14, 15, TM-1, 2, GC-1, 2, 6, GX-1 |
| 20. Laboratorial tests : | chemical analysis of the ore (Ccr-2)
polished section (Ccr-2) |
| 21. Remarks : | refer Plate 7-3 |

List of trenches and galleries

1.	Number of trench :	TM-2	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1, No.1	
5.	Coordinates :	27.06 N, 07.64 E	
6.	Altitude :	2,025 m	
7.	Name of the mine :	Sulu (2,000) (northern chrome zone)	
8.	Location and communication :	Güllüünder, Sıçankale Y., Aşkale, Erzurum 30 minutes from Sıçankale Y., by car trench for exploitation	
9.	Type etc. :		
10.	Host rock :	serpentinite (powdery)	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 60° E dip *	
		(Direction of the ore zone ; N 85° E)	
	Scale of the orebody observed ;	extension to strike-side 8 m	
		extension to dip-side 2 m	
		width >1.5 m	
	Shape of the orebody ;	lenticular	
12.	Chromite banding around the orebody :	strike N 40° E dip 48° NW	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	massive	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 20 m	
		extension to dip-side 2 m	
		width 3 m	
16.	Volume of the trench estimated :	600 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :	280 ton	
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TC-14,31, TM-1, GX-1, GC-1	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-3	

List of trenches and galleries

1.	Number of trench :	TM-3
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, a2, No.2
5.	Coordinates :	24.30 N, 05.05 E
6.	Altitude :	2,115 m
7.	Name of the mine :	Pembe Gül (2,000) (northern chrome zone)
8.	Location and communication :	Keşandere, Cancıkkomu, Aşkale, Erzurum, 60 minutes from Sıçankale Y., on foot and by car
9.	Type etc. :	trench for exploitation, covered by debris mostly
10.	Host rock :	serpentinite (powdery)
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1 *
	Direction of the orebody ;	strike N 40° E* dip 58° SE*
		(Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side * m
		extension to dip-side * m
		width 1 m
	Shape of the orebody ;	layered
12.	Chromite banding around the orebody :	strike N 10° E, N 65° E dip 65° E, 25° NW (in turn)
13.	Fault around the orebody :	strike N 57° W, N 28° W dip 30° NE, 20° NE (in turn)
14.	Ore :	
	Type of the ore ;	massive, disseminated
	Ore minerals ;	chromite (uvarovite) (kaemmererite)
	Grade of the ore ;	macroscopic estimation, 25 - 35 % Cr ₂ O ₃ analytical value, 27.53 % Cr ₂ O ₃ from the stockpile, random sample
15.	The largest scale of the orebody estimated :	extension to strike-side 30 m
		extension to dip-side 4 m
		width 2 m
16.	Volume of the trench estimated :	3,100 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	840 ton
18.	Amount of stock of the ore :	>100 ton
19.	Relation to the other trenches and galleries :	TB-3, TM-4, GB-3
20.	Laboratorial tests :	chemical analysis of the ore (Bcr-4)
21.	Remarks :	refer Plate 7-5

List of trenches and galleries

1.	Number of trench :	TM-4
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, 1-44, a2, No.2
5.	Coordinates :	24.32 N, 04.97 E
6.	Altitude :	2,145 m
7.	Name of the mine :	Pembe Gül (2,000) (northern chrome zone)
8.	Location and communication :	Keşandere, Cancıkkomu, Aşkale, Erzurum, 75 minutes from Sıçankale Y., on foot and by car
9.	Type etc. :	trench for exploration
10.	Host rock :	serpentinite (powdery)
11.	Orebody :	
	Stratigraphic horizon in	
	ultrabasic rocks ;	upper horizon (hangingwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 2° - 60° W dip 32° - 54° W, SW (Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width * m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 10° E - N 8° W dip 52° - 80° E
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive powdery
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, ★
15.	The largest scale of the orebody estimated :	extension to strike-side 12 m extension to dip-side 2.5 m width 1.5 m
16.	Volume of the trench estimated :	200 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	160 ton
18.	Amount of stock of the ore :	3 ton
19.	Relation to the other trenches and galleries :	TB-3, TM-4
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-5

List of trenches and galleries

1.	Number of trench :	TX-1
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.64 N, 12.57 E
6.	Altitude :	2,135 m
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 5 minutes from Sıçankale Y., on foot trench for exploration
9.	Type etc. :	
10.	Host rock :	strongly serpentinized dunite
11.	Orebody :	
	Stratigraphic horizon in	
	ultrabasic rocks ;	upper horizon (hangingwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 60° E dip *
		(Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side 6 m
		extension to dip-side * m
		width 2 m
	Shape of the orebody ;	layered
12.	Chromite banding around the	
	orebody :	strike N 20° E dip 24° W
13.	Fault around the orebody :	strike N 10° - 76° W dip 53° W, 40° NW, 35° S
14.	Ore :	
	Type of the ore ;	disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the	
	orebody estimated :	extension to strike-side * m
		extension to dip-side * m
		width * m
16.	Volume of the trench estimated :	80 m ³
17.	The largest amount of the ore	
	estimated which is taken	
	from the trench :	*
18.	Amount of stock of the ore :	very small
19.	Relation to the other trenches	
	and galleries :	TX-2,4,5,6,7
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TX-2		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.2		
5.	Coordinates :	27.75 N,	12.58 E	
6.	Altitude :	2,170 m		
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)		
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 25 minutes from Sıçankale Y., on foot		
9.	Type etc. :	trench for exploration		
10.	Host rock :	strongly serpentized dunitite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side*orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	2 m	
		extension to dip-side	0.7 m	
		width	1 m	
16.	Volume of the trench estimated :		3 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		4 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TX-1,4,5,6,7		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-2		

List of trenches and galleries

1. Number of trench :	TX-3
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, No.2
5. Coordinates :	28.55 N, 12.15 E
6. Altitude :	2,315 m
7. Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8. Location and communication :	Kırımıztaş Sr., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., on foot trench for exploitation
9. Type etc. :	
10. Host rock :	strongly serpentized dunite
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)
Amount of the orebody ;	-
Direction of the orebody ;	strike * dip * (Direction of the ore zone ; N 70° E*)
Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width * m
Shape of the orebody ;	* No orebody is observed in the trench.
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	strike N 45° - 70° W dip 55° NE, 40° SE etc.
14. Ore :	
Type of the ore ;	*
Ore minerals ;	chromite
Grade of the ore ;	macroscopic estimation, 40 - 45% Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 5 m extension to dip-side 1.5 m width 3 m
16. Volume of the trench estimated :	470 m ³
17. The largest amount of the ore estimated which is taken from the trench :	80 ton
18. Amount of stock of the ore :	2 ton
19. Relation to the other trenches and galleries :	TX-11
20. Laboratorial tests :	-
21. Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TX-4		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.2		
5.	Coordinates :	27.63 N, 12.34 E		
6.	Altitude :	2,150 m		
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)		
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 5 minutes from Sıçankale Y., on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	strongly serpentized dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 2 m		
		extension to dip-side 0.7 m		
		width * m		
16.	Volume of the trench estimated :	20 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TX-1,2,5,6,7		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-2		

List of trenches and galleries

1.	Number of trench :	TX-5		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.2		
5.	Coordinates :	27.63 N, 12.21 E		
6.	Altitude :	2,182 m		
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)		
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale Erzurum, 5 minutes from Sıçankale Y., on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	strongly serpentized dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 85° E dip 37° N		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 3 m		
		extension to dip-side 0.6 m		
		width * m		
16.	Volume of the trench estimated :	6 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TX-1,2,4,6,7		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-2		

List of trenches and galleries

1.	Number of trench :	TX-6		
2.	Project No. :	78/26		
3.	Area :	Kopdag ^v		
4.	Map No. :	Erzincan, i-44, b1, No.2		
5.	Coordinates :	27.59 N, 12.24 E		
6.	Altitude :	2,160 m		
7.	Name of the mine :	Sıçankale (2,000) (northern chrome zone)		
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 5 minutes from Sıçankale Y., on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	strongly serpentized dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 2 m		
		extension to dip-side 0.5 m		
		width 2 m		
16.	Volume of the trench estimated :		3 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		7 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TX-1,2,4,5,7		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-2		

List of trenches and galleries

1. Number of trench :	TX-7		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzincan, i-44, b1, No.2		
5. Coordinates :	27.58 N,	12.25 E	
6. Altitude :	2,155 m		
7. Name of the mine :	Sıçankale (2,000) (northern chrome zone)		
8. Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 5 minutes from Sıçankale Y., on foot trench for exploration		
9. Type etc. :			
10. Host rock :	strongly serpentized dunite		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
Amount of the orebody ;	*		
Direction of the orebody ;	strike	*	dip *
	(Direction of the ore zone ; *)		
Scale of the orebody observed ;	extension to strike-side	*	m
	extension to dip-side	*	m
	width	*	m
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	*		
Grade of the ore ;	macroscopic estimation,	*	
15. The largest scale of the orebody estimated :	extension to strike-side	2	m
	extension to dip-side	0.5	m
	width	*	m
16. Volume of the trench estimated :		3	m ³
17. The largest amount of the ore estimated which is taken from the trench :	*		
18. Amount of stock of the ore :	-		
19. Relation to the other trenches and galleries :	TX-1,2,4,5,6		
20. Laboratorial tests :	-		
21. Remarks :	refer Plate 7-2		

List of trenches and galleries

1. Number of trench :	TX-8 (not surveyed in detail)		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzincan, i-44, b1, No.2		
5. Coordinates :	27.90 N,	13.30 E	
6. Altitude :	2,160 m		
7. Name of the mine :	Sıçankale (10,000) (northern chrome zone)		
8. Location and communication :	Aksudere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., on foot		
9. Type etc. :	trench		
10. Host rock :	*		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	upper horizon		
Amount of the orebody ;	*		
Direction of the orebody ;	strike	*	dip *
	(Direction of the ore zone ; N 60° E)		
Scale of the orebody observed ;	extension to strike-side	*	m
	extension to dip-side	*	m
	width	*	m
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	*		
Grade of the ore ;	macroscopic estimation,	*	
15. The largest scale of the orebody estimated :	extension to strike-side	*	m
	extension to dip-side	*	m
	width	*	m
16. Volume of the trench estimated :		*	m ³
17. The largest amount of the ore estimated which is taken from the trench :	*		
18. Amount of stock of the ore :	*		
19. Relation to the other trenches and galleries :	TX-9,10		
20. Laboratorial tests :	-		
21. Remarks :	no sketch map		

List of trenches and galleries

1.	Number of trench :	TX-9
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	27.95 N, 13.35 E
6.	Altitude :	2,170 m
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8.	Location and communication :	Aksudere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., on foot by car jeep
9.	Type etc. :	3 pits for exploration
10.	Host rock :	strongly serpentized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 80° E dip * (Direction of the ore zone ; N 60° E)
	Scale of the orebody observed ;	extension to strike-side 2 m extension to dip-side * m width 0.4 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	strike N 80° E dip 62° - 64° S
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 40 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 0.5 m width 0.4 m
16.	Volume of the trench estimated :	2 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	7 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TX-8,10
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TX-10
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.2
5.	Coordinates :	28.05 N, 13.60 E
6.	Altitude :	2,240 m
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)
8.	Location and communication :	Aksudere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., on foot
9.	Type etc. :	trench for exploitation
10.	Host rock :	strongly serpentized dunite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 50° E dip * 40° SE (Direction of the ore zone ; N 60° E)
	Scale of the orebody observed ;	extension to strike-side 40 m extension to dip-side * m width 6 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	strike N 10° - 37° E dip 46° - 70° W
13.	Fault around the orebody :	strike N 10° E dip 89° W
14.	Ore :	
	Type of the ore ;	massive, disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 25 m extension to dip-side 7 m width 7 m
16.	Volume of the trench estimated :	10,500 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	4,290 ton
18.	Amount of stock of the ore :	22 ton
19.	Relation to the other trenches and galleries :	TX-8,9
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-2

List of trenches and galleries

1.	Number of trench :	TX-11		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.2		
5.	Coordinates :	28.65 N, 12.33 E		
6.	Altitude :	2,260 m		
7.	Name of the mine :	Sıçankale (10,000) (northern chrome zone)		
8.	Location and communication :	Hezologundere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., on foot		
9.	Type etc. :	trench, gallery for exploitation		
10.	Host rock :	strongly serpentized dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; N 70°E)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, 40 % Cr ₂ O ₃		
15.	The largest scale of the orebody estimated :	extension to strike-side 5 m		
		extension to dip-side 2 m		
		width 1.5 m		
16.	Volume of the trench estimated :	170 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	70 ton		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TX-3		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-2		

List of trenches and galleries

1. Number of trench :	TY-1 (not surveyed in detail)		
2. Project No. :	78/26		
3. Area :	Kopdag ^v		
4. Map No. :	Tortum, H-45, d4, No.4		
5. Coordinates :	30.62 N, 30.24 E		
6. Altitude :	2,190 m		
7. Name of the mine :	Henegenindere (north of Gülabikomu) (25,000)		
8. Location and communication :	(east Kop chrome zone) Henegenindere, Hasbeykomu. Aşkale, Erzurum, 40 minutes from Pırnakapan, on foot and by jeep		
9. Type etc. :	trench, gallery (closed) for exploration		
10. Host rock :	serpentinized harzburgite *		
11. Orebody :			
Stratigraphic horizon in	middle horizon		
ultrabasic rocks ;	1		
Amount of the orebody ;	strike		
Direction of the orebody ;	N 35° E dip *		
	(Direction of the ore zone ; *)		
Scale of the orebody observed ;	extension to strike-side	*	m
	extension to dip-side	*	m
	width	*	m
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	chromite		
Grade of the ore ;	macroscopic estimation, *		
15. The largest scale of the orebody estimated :	extension to strike-side	10	m
	extension to dip-side	2	m
	width	1	m
16. Volume of the trench estimated :	36 m ³		
17. The largest amount of the ore estimated which is taken from the trench :	35 ton		
18. Amount of stock of the ore :	*		
19. Relation to the other trenches and galleries :	-		
20. Laboratorial tests :	-		
21. Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-2	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzurum, i-45, a1, No.1	
5.	Coordinates :	27.13 N, 32.85 E	
6.	Altitude :	1,870 m	
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)	
8.	Location and communication :	Bozburun Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu on foot	
9.	Type etc. :	pit for exploration	
10.	Host rock :	serpentinized harzburgite	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 60° E * dip 25° NW * (Direction of the ore zone ; N 80° E)	
	Scale of the orebody observed ;	extension to strike-side	* m
		extension to dip-side	* m
		width	0.2 m
	Shape of the orebody ;	layered	
12.	Chromite banding around the orebody :	strike N 60° E dip 25° NW	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	banded	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation,	15 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side	4 m
		extension to dip-side	1 m
		width	0.5 m
16.	Volume of the trench estimated :	5	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	7	ton
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TY- 3-13	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-8	

List of trenches and galleries

1.	Number of trench :	TY-3		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.19 N,	32.80 E	
6.	Altitude :	1,875 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburum Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot		
9.	Type etc. :	pit for exploration		
10.	Host rock :	serpentinized harzburgite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ;	N 80° E)	
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	banded		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	3	m
		extension to dip-side	0.4	m
		width	0.3	m
16.	Volume of the trench estimated :		1	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		1	ton
18.	Amount of stock of the ore :	very small		
19.	Relation to the other trenches and galleries :	TY-2, 4-13		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

- | | | |
|-----|--|--|
| 1. | Number of trench : | TY-4 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzurum, 1-45, a1, No.1 |
| 5. | Coordinates : | 27.21 N, 32.84 E |
| 6. | Altitude : | 1,880 m |
| 7. | Name of the mine : | Gülabikomu (25,000) (east Kop chrome zone) |
| 8. | Location and communication : | Bozburun Sr. , Gülabikomu, Aşkale, Erzurum,
10 minutes from Gülabikomu on foot |
| 9. | Type etc. : | 2 pits for exploration |
| 10. | Host rock : | serpentinized harzburgite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | middle horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 50° E, N 72° E dip 72° SE, 65° NW (in turn)
(Direction of the ore zone ; N 80° E) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 0.4 m
width 0.55 m |
| | Shape of the orebody ; | layered
Orebody is dislocated by fault |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | strike N 50° E dip 70° SE (strike fault) |
| 14. | Ore : | |
| | Type of the ore ; | disseminated |
| | Ore minerals ; | chromite |
| | Grade of the ore ; | macroscopic estimation, 20 – 25 % Cr ₂ O ₃ |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 9 m
extension to dip-side 1 m
width 8 m |
| 16. | Volume of the trench estimated : | 15 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 18 ton |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | TY-2,3 |
| 20. | Laboratorial tests : | - |
| 21. | Remarks : | refer Plate 7-8 |

List of trenches and galleries

1. Number of trench :	TY-5		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzurum, i-45, a1, No.1		
5. Coordinates :	27.35 N, 32.54 E		
6. Altitude :	1,877 m		
7. Name of the mine :	Gülabikomu (25,000) (east Kop chorme zone)		
8. Location and communication :	Bozburun Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot		
9. Type etc. : pit for exploration		
10. Host rock :	*		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
Amount of the orebody ;	1 *		
Direction of the orebody ;	strijke N 60° E dip *		
Scale of the orebody observed ;	(Direction of the ore zone ; N 30° W)		
	extension to strike-side	* m	
	extension to dip-side	* m	
	width	* m	
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	strike N 60° E dip 45° NW		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	chromite		
Grade of the ore ;	macroscopic estimation,	*	
15. The largest scale of the orebody estimated :	extension to strike-side	6 m	
	extension to dip-side	0.5 m	
	width	1 m	
16. Volume of the trench estimated :		12 m ³	
17. The largest amount of the ore estimated which is taken from the trench :		10 ton	
18. Amount of stock of the ore :	-		
19. Relation to the other trenches and galleries :	TY-6, 7, 8, 9, 10, 11, 12, 13		
20. Laboratorical tests :	-		
21. Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-6
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzurum, 1-45, a1, No.1
5.	Coordinates :	27.77 N, 32.48 E
6.	Altitude :	1,877 m
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)
8.	Location and communication :	Bozburun Sr. , Gülabikomu, Aşkale, Er- zurum, 10 minutes from Gülabikomu, on foot pit for exploration
9.	Type etc. :	
10.	Host rock :	*
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon
	Amount of the orebody ;	1 *
	Direction of the orebody ;	strike N 65° W dip * (Direction of the ore zone ; N 30° W)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width * m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	strike N 70° - 60° W dip 32° - 42° NE
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, * 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 12 m extension to dip-side 0.9 m width 1.5 m
16.	Volume of the trench estimated :	100 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	55 ton
18.	Amount of stock of the ore :	5 ton (30 % Cr ₂ O ₃)
19.	Relation to the other trenches and galleries :	TY-5, 7, 8, 9, 10, 11, 12, 13
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-8

List of trenches and galleries

1.	Number of trench :	TY-7		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.38 N,	32.45 E	
6.	Altitude :	1,878 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot		
9.	Type etc. :	pit-for exploration		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 30° W)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 80° E dip 42° N		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	5	m
		extension to dip-side	1	m
		width	1.5	m
16.	Volume of the trench estimated :	30 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	25 ton		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-5,6,8,9,10,11,12,13		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-8	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzurum, i-45, a1, No.1	
5.	Coordinates :	27.37 N, 32.45 E	
6.	Altitude :	1,879 m	
7.	Name of the mine :	Gülabıkomu (25,000) (east Kop chrome zone)	
8.	Location and communication :	Bozburun Sr., Gülabıkomu, Aşkale, Erzurum, 10 minutes from Gülabıkomu, on foot	
9.	Type etc. :	pit	
10.	Host rock :	*	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 75° W dip *	
	Scale of the orebody observed ;	(Direction of the ore zone ; N 30° W)	
		extension to strike-side * m	
		extension to dip-side * m	
		width * m	
	Shape of the orebody ;	*	
12.	Chromite banding around the orebody :	strike N 75° W dip 42° N	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	*	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 15 m	
		extension to dip-side 2 m	
		width 3.3 m	
16.	Volume of the trench estimated :	480 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :	350 ton	
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TY-5,6,7,9,10,11,12,13	
20.	Laboratorial tests :	-	
21.	Remarks :	refer Plate 7-8	

List of trenches and galleries

1.	Number of trench :	TY-9	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzurum, 1-45, a1, No.1	
5.	Coordinates :	27.37 N, 32.42 E	
6.	Altitude :	1,885 m	
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)	
8.	Location and communication :	Bozburun Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu on foot	
9.	Type etc. :	pit	
10.	Host rock :	*	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 70° W dip *	
		(Direction of the ore zone ; N 30° W)	
	Scale of the orebody observed ;	extension to strike-side	* m
		extension to dip-side	* m
		width	* m
	Shape of the orebody ;	*	
12.	Chromite banding around the orebody :	strike N 85° E, N 60° W dip 40° N, 42° NE (in turn)	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	*	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation,	*
15.	The largest scale of the orebody estimated :	extension to strike-side	15 m
		extension to dip-side	1.5 m
		width	2.3 m
16.	Volume of the trench estimated :		250 m ³
17.	The largest amount of the ore estimated which is taken from the trench :		50 ton
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TY-5,6,7,8,10,11,12,13	
20.	Laboratorial tests :	-	
21.	Remarks :	refer Plate 7-8	

List of trenches and galleries

1.	Number of trench :	TY-10		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.38 N,	32.49 E	
6.	Altitude :	1,874 m		
7.	Name of the mine :	Gülabıkomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr. , Gülabıkomu, Aşkale, Erzurum, 10 minutes from Gülabıkomu, on foot		
9.	Type etc. :	pit for exploration		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike	N 80° W dip	*
		(Direction of the ore zone ; N 30° W)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	4	m
		extension to dip-side	0.5	m
		width	1.2	m
16.	Volume of the trench estimated :		10	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		8	ton
18.	Amount of stock of the ore :	0.6 ton		
19.	Relation to the other trenches and galleries :	TY-5,6,7,8,9,11,12,13		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-11		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, al, No.1		
5.	Coordinates :	27.49 N, 32.47 E		
6.	Altitude :	1,875 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr. , Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot		
9.	Type etc. :	pit for exploration		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike N 10° E dip *		
		(Direction of the ore zone ; N 30° W)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 30° W, N 80° W dip 60° E, 70° N (in turn)		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	4 m	
		extension to dip-side	1 m	
		width	1.3 m	
16.	Volume of the trench estimated :		24 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		18 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-5,6,7,8,9,10,12,13		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-12		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.28 N, 32.32 E		
6.	Altitude :	1,889 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr., Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike N 20° W dip *		
		(Direction of the ore zone ; N 30° W)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 0° - 30° W, dip 36° - 40° NE		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 18 m		
		extension to dip-side 0.5 m		
		width 0.4 m		
16.	Volume of the trench estimated :	20 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	13 ton		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-5,6,7,8,9,10,11,13		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-13		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.20 N, 32.34 E		
6.	Altitude :	1,889 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr. , Gülabikomu, Aşkale, Erzurum,		
9.	Type etc. :	10 minutes from Gülabikomu, on foot pit for exploration		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike N 60° E dip *		
		(Direction of the ore zone ; N 30° W)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 60° E dip 20° NW		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	2 m	
		extension to dip-side	0.3 m	
		width	0.4 m	
16.	Volume of the trench estimated :		1 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		0.8 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-5,6,7,8,9,10,11,12		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-14		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.35 N,	32.23 E	
6.	Altitude :	1,896 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Bozburun Sr. , Gülabikomu, Aşkale, Erzurum, 10 minutes from Gülabikomu, on foot		
9.	Type etc. :	trench		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike	N 45° E dip *	
		(Direction of the ore zone ;	N 70° E)	
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	6 m	
		extension to dip-side	1.3 m	
		width	1.3 m	
16.	Volume of the trench estimated :		50 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		35 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-12,13		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-15	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzurum, i-45, a1, No.1	
5.	Coordinates :	27.30 N, 32.11 E	
6.	Altitude :	1,898 m	
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)	
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploration	
9.	Type etc. :		
10.	Host rock :	*	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon	
	Amount of the orebody ;	1 *	
	Direction of the orebody ;	strike N 45° E * dip *	
		(Direction of the ore zone ; N 70° E)	
	Scale of the orebody observed ;	extension to strike-side	* m
		extension to dip-side	* m
		width	* m
	Shape of the orebody ;	*	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	brecciated	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation,	*
15.	The largest scale of the orebody estimated :	extension to strike-side	3 m
		extension to dip-side	0.9 m
		width	1.3 m
16.	Volume of the trench estimated :		16 m ³
17.	The largest amount of the ore estimated which is taken from the trench :		12 ton
18.	Amount of stock of the ore :	1 ton	
19.	Relation to the other trenches and galleries :	TY-16,17	
20.	Laboratorial tests :	-	
21.	Remarks :	refer Plate 7-8	

List of trenches and galleries

1.	Number of trench :	TY-16		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, 1-45, a1, No.1		
5.	Coordinates :	27.27 N,	32.01 E	
6.	Altitude :	1,899 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot pit for exploration		
9.	Type etc. :			
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 70° E)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	2	m
		extension to dip-side	0.5	m
		width	0.3	m
16.	Volume of the trench estimated :	2 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	1 ton		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-15,17		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-17		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.22 N,	32.88 E	
6.	Altitude :	1,897 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploitation		
9.	Type etc. :			
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike	N *	dip *
		(Direction of the ore zone ;	N 70° E)	
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	0.5	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody ;	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	massive, disseminated		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	20	m
		extension to dip-side	3	m
		width	5	m
16.	Volume of the trench estimated :		1,440	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		1,050	ton
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-15,16		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-8		

List of trenches and galleries

1.	Number of trench :	TY-18		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	26.98 N, 31.64 E		
6.	Altitude :	1,870 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	serpentinized harzburgite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike N 45° W * dip * (Direction of the ore zone ; N 10° E)		
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	(massive), disseminated		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 10 m extension to dip-side 1 m width 0.3 m		
16.	Volume of the trench estimated :	6 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	10 ton		
18.	Amount of stock of the ore :	3 ton (20 % Cr ₂ O ₃)		
19.	Relation to the other trenches and galleries :	TY-19, 20, 21, 22, 23, 24, 25		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-19		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.11 N, 31.65 E		
6.	Altitude :	1,885 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	serpentinized harzburgite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike N 85° W dip * (Direction of the ore zone ; N 10° E)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	disseminated		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	7 m	
		extension to dip-side	1.2 m	
		width	0.3 m	
16.	Volume of the trench estimated :		7 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		9 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-18, 20, 21, 22, 23, 24, 25		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1. Number of trench :	TY-20		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzurum, i-45, a1, No.1		
5. Coordinates :	27.02 N,	31.64 E	
6. Altitude :	1,876 m		
7. Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8. Location and communication :	Taşılayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploration		
9. Type etc. :			
10. Host rock :	serpentinized harzburgite		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
Amount of the orebody ;	1 *		
Direction of the orebody ;	strike * N 50°W dip *		
	(Direction of the ore zone ;	N 10° E)	
Scale of the orebody observed ;	extension to strike-side	* m	
	extension to dip-side	* m	
	width	* m	
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	assumed, strike N 38° E dip 42° NW		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	chromite		
Gangue minerals ;	serpentine		
Grade of the ore ;	macroscopic estimation,	*	
15. The largest scale of the orebody estimated :	extension to strike-side	7 m	
	extension to dip-side	1.2 m	
	width	0.3 m	
16. Volume of the trench estimated :		5 m ³	
17. The largest amount of the ore estimated which is taken from the trench :		9 ton	
18. Amount of stock of the ore :	-		
19. Relation to the other trenches and galleries :	TY-18, 19, 21, 22, 23, 24, 25		
20. Laboratorial tests :	X-ray diffractive analysis (A-89)		
21. Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-21		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.11 N, 31.63 E		
6.	Altitude :	1,892 m		
7.	Name of the mine :	Gülábikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülábikomu, Aşkale, Erzurum,		
9.	Type etc. :	15 minutes from Gülábikomu, on foot trench for exploration		
10.	Host rock :	serpentinized harzburgite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	* 1		
	Direction of the orebody ;	strike N 10° E* dip *		
	Scale of the orebody observed ;	(Direction of the ore zone ; N 10° E)		
		extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	layered		
12.	Chromite banding around the orebody :	strike N 48° E dip 22° SE		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	disseminated, banded		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	5.5 m	
		extension to dip-side	4 m	
		width	0.3 m	
16.	Volume of the trench estimated :		7 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		20 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-18, 19, 20, 22, 23, 24, 25		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-22		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.16 N, 31.67 E		
6.	Altitude :	1,888 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	serpentinized harzburgite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike * N 45° E dip *		
	Scale of the orebody observed ;	(Direction of the ore zone ; N 10° E)		
		extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	massive, disseminated		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, 20 - 30 % Cr ₂ O ₃		
15.	The largest scale of the orebody estimated :	extension to strike-side 12 m		
		extension to dip-side 2 m		
		width 0.3 m		
16.	Volume of the trench estimated :	25 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	25 ton		
18.	Amount of stock of the ore :	very small		
19.	Relation to the other trenches and galleries :	TY-18, 19, 20, 21, 23, 24, 25		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1. Number of trench :	TY-23		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzurum, i-45, a1, No.1		
5. Coordinates :	27.22 N, 31.69 E		
6. Altitude :	1,893 m		
7. Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8. Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot pit for exploration		
9. Type etc. :			
10. Host rock :	serpentinized harzburgite		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
Amount of the orebody ;	1 *		
Direction of the orebody ;	strike * dip *		
	(Direction of the ore zone ; N 10° 35° E)		
Scale of the orebody observed ;	extension to strike-side * m		
	extension to dip-side * m		
	width * m		
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	disseminated		
Ore minerals ;	chromite		
Grade of the ore ;	macroscopic estimation, *		
15. The largest scale of the orebody estimated :	extension to strike-side 3 m		
	extension to dip-side 0.7 m		
	width 0.3 m		
16. Volume of the trench estimated :	7 m ³		
17. The largest amount of the ore estimated which is taken from the trench :	2 ton		
18. Amount of stock of the ore :	-		
19. Relation to the other trenches and galleries :	TY-18, 19, 20, 21, 22, 24, 25		
20. Laboratorical tests :	-		
21. Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-24
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzurum, i-45, a1, No.1
5.	Coordinates :	27.28 N, 31.76 E
6.	Altitude :	1,902 m
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench for exploitation
9.	Type etc. :	
10.	Host rock :	serpentinized harzburgite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 20° E dip * NW (Direction of the ore zone ; N 35° E)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side 2 m width 0.2 m
	Shape of the orebody ;	lenticular
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive, disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 25 - 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 25 m extension to dip-side 3 m width 1 m
16.	Volume of the trench estimated :	520 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	260 ton
18.	Amount of stock of the ore :	very small
19.	Relation to the other trenches and galleries :	TY-18,19,20,21,22,23,25
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-9

List of trenches and galleries

1.	Number of trench :	TY-25
2.	Project No. :	78/26
3.	Area :	Kopdag
4.	Map No. :	Erzurum, i-45, a1, No.1
5.	Coordinates :	27.35 N, 31.54 E
6.	Altitude :	1,908 m
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot pit for exploration
9.	Type etc. :	
10.	Host rock :	serpentinized harzburgite
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 25° W dip 75° SW (Direction of the ore zone ; *)
	Scale of the orebody observed ;	extension to strike-side 3 m extension to dip-side 0.8 m width 0.1 m
	Shape of the orebody ;	lenticular Orebody exists in sheared zone.
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	strike N 70° W dip 90°
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 3 m extension to dip-side 1.3 m width 0.3 m
16.	Volume of the trench estimated :	10 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	4 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	TY-18,19,20,21,22,23,24
20.	Laboratorial tests :	-
21.	Remarks :	refer Plate 7-9

List of trenches and galleries

1. Number of trench :	TY-26		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzurum, 1-45, a1, No.1		
5. Coordinates :	26.98 N, 31.71 E		
6. Altitude :	1,880 m		
7. Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8. Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot		
9. Type etc. :	pit for exploration		
10. Host rock :	*		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
Amount of the orebody ;	*		
Direction of the orebody ;	strike * dip *		
	(Direction of the ore zone ; *)		
Scale of the orebody observed ;	extension to strike-side * m		
	extension to dip-side * m		
	width * m		
Shape of the orebody ;	*		
12. Chromite banding around the orebody :	not observed		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	*		
Ore minerals ;	*		
Grade of the ore ;	macroscopic estimation, *		
15. The largest scale of the orebody estimated :	extension to strike-side 3 m		
	extension to dip-side 1 m		
	width 1 m		
16. Volume of the trench estimated :	24 m ³		
17. The largest amount of the ore estimated which is taken from the trench :	10 ton		
18. Amount of stock of the ore :	*		
19. Relation to the other trenches and galleries :	TY-25,27		
20. Laboratorial tests :	-		
21. Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-27		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	26.77 N,	32.08 E	
6.	Altitude :	1,880 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot trench and gallery for exploitation		
9.	Type etc. :			
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike	N 10° W dip	*
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;			
12.	Chromite banding around the orebody :	strike N 60° E, N, N 35° W dip 27° NW, 55° W, 46° NE (in turn)		
13.	Fault around the orebody :	strike N 80° E dip 20° N		
14.	Ore :			
	Type of the ore ;	massive, disseminated, banded		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	13	m
		extension to dip-side	4.5	m
		width	3	m
16.	Volume of the trench estimated :		260	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		610	ton
18.	Amount of stock of the ore ;	*		
19.	Relation to the other trenches and galleries :	TY-28		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-28		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, 1-45, a1, No.1		
5.	Coordinates :	26.76 N, 32.10 E		
6.	Altitude :	1,880 m		
7.	Name of the mine :	Gülabıkomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabıkomu, Aşkale, Erzurum, 15 minutes from Gülabıkomu, on foot gallery (closed)		
9.	Type etc. :			
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody ;	*		
13.	Fault around the orebody :	*		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
16.	Volume of the trench estimated :		*	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		*	
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-27		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-29	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzurum, i-45, a1, No.1	
5.	Coordinates :	26.56 N, 32.11 E	
6.	Altitude :	1,880 m	
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)	
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot pit for exploration	
9.	Type etc. :		
10.	Host rock :	*	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 45° E* dip *	
		(Direction of the ore zone ; N 25° E)	
	Scale of the orebody observed ;	extension to strike-side * m	
		extension to dip-side * m	
		width * m	
	Shape of the orebody ;	*	
12.	Chromite banding around the orebody :	strike N, dip 70° W	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	disseminated	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 5 m	
		extension to dip-side 1.5 m	
		width 2 m	
16.	Volume of the trench estimated :	48 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :	50 ton	
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TY-30,31,32,33	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-9	

List of trenches and galleries

1.	Number of trench :	TY-30		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, 1-45, a1, No.1		
5.	Coordinates :	26.60 N, 32.14 E		
6.	Altitude :	1,880 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, .		
9.	Type etc. :	15 minutes from Gülabikomu, on foot trench for exploration		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike N 30° E * dip *		
		(Direction of the ore zone ; N 35° E)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	disseminated		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	5 m	
		extension to dip-side	1 m	
		width	1 m	
16.	Volume of the trench estimated :		16 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		18 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-29,31,32,33		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-31 (not surveyed in detail)		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	26.72 N, 32.22 E		
6.	Altitude :	1,878 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot		
9.	Type etc. :	*		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	* middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 25° E)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	*		
13.	Fault around the orebody :	*		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
16.	Volume of the trench estimated :		*	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-29, 30, 32, 33		
20.	Laboratorical tests :	-		
21.	Remarks :	no sketch map		

List of trenches and galleries

1.	Number of trench :	TY-32 (not surveyed in detail)		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	26.74 N, 32.21 E		
6.	Altitude :	1,880 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Taşlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum, 15 minutes from Gülabikomu, on foot		
9.	Type etc. :	*		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	* middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * dip *		
		(Direction of the ore zone ; N 25° E)		
	Scale of the orebody observed ;	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	*		
13.	Fault around the orebody :	*		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side * m		
		extension to dip-side * m		
		width * m		
16.	Volume of the trench estimated :	* m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	* ton		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-29,30,31,33		
20.	Laboratorical tests :	-		
21.	Remarks :	no sketch map		

List of trenches and galleries

1.	Number of trench :	TY-33 (not surveyed in detail)		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	26.77 N,	32.20 E	
6.	Altitude :	1,873 m		
7.	Name of the mine :	Gülabikomu (25,000) (east Kop chrome zone)		
8.	Location and communication :	Tağlıyayla (Mvk), Gülabikomu, Aşkale, Erzurum,		
9.	Type etc. :	15 minutes from Gülabikomu, on foot		*
10.	Host rock :			*
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	* middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 25° E)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;			*
12.	Chromite banding around the orebody :			*
13.	Fault around the orebody :			*
14.	Ore :			
	Type of the ore ;			*
	Ore minerals ;			*
	Grade of the ore ;	macroscopic estimation,		*
15.	The largest scale of the orebody estimated :	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
16.	Volume of the trench estimated :		*	m ³
17.	The largest amount of the ore estimated which is taken from the trench :			*
18.	Amount of stock of the ore :			*
19.	Relation to the other trenches and galleries :	TY-29,30,31,32,		
20.	Laboratorical tests :	-		
21.	Remarks :	no sketch map		

List of trenches and galleries

1.	Number of trench :	TY-34		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzurum, i-45, a1, No.1		
5.	Coordinates :	27.58 N, 29.21 E		
6.	Altitude :	2,045 m		
7.	Name of the mine :	Dağyayla Tepe (25,000) (east Kop chrome zone)		
8.	Location and communication :	Dağyayla Tepe, Hasbeykomu, Aşkale, Erzurum, 30 minutes from Hasbeykomu on foot trench for exploration		
9.	Type etc. :			
10.	Host rock :	harzburgite *		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike N 70°W dip *		
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side *		m
		extension to dip-side *		m
		width *		m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side 12		m
		extension to dip-side 1		m
		width 2		m
16.	Volume of the trench estimated :		90	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		84	ton
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	-		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-35		
2.	Project No. :	78/26		
3.	Area :	Kopdag ^v		
4.	Map No. :	*		
5.	Coordinates :	* N, * E		
6.	Altitude :	* m		
7.	Name of the mine :	Location is not shown on the map.		
8.	Location and communication :	*		
9.	Type etc. :	trench		
10.	Host rock :	*		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	*		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike	N 45° E dip	*
		(Direction of the ore zone ; *)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 10° E dip 44° E		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	massive, disseminated, banded		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, 25 – 30 %		
15.	The largest scale of the orebody estimated :	extension to strike-side	7	m
		extension to dip-side	1.5	m
		width	0.6	m
16.	Volume of the trench estimated :		27	m ³
17.	The largest amount of the ore estimated which is taken from the trench :		6	ton
18.	Amount of stock of the ore :	1 ton		
19.	Relation to the other trenches and galleries :	*		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-9		

List of trenches and galleries

1.	Number of trench :	TY-36		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, a2, No.3		
5.	Coordinates :	15.71 N, 05.86 E		
6.	Altitude :	1,755 m		
7.	Name of the mine :	Cumakomu (25,000)		
8.	Location and communication :	Cumakomu, Tercan, Erzurum, 20 minutes from Çumakomu, on foot		
9.	Type etc. :	trench for exploration		
10.	Host rock :	strongly serpentized dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	lower horizon		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike * N 80° W dip *		
		(Direction of the ore zone ; N 80° W*)		
	Scale of the orebody observed ;	extension to strike-side	* m	
		extension to dip-side	* m	
		width	* m	
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation,	*	
15.	The largest scale of the orebody estimated :	extension to strike-side	4 m	
		extension to dip-side	3 m	
		width	1 m	
16.	Volume of the trench estimated :		20 m ³	
17.	The largest amount of the ore estimated which is taken from the trench :		40 ton	
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TY-37		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-7		

List of trenches and galleries

1.	Number of trench :	TY-37
2.	Project No. :	78/26
3.	Area :	Kopdag ^v
4.	Map No. :	Erzincan, i-44, a2, No.3
5.	Coordinates :	15.68 N, 05.87 E
6.	Altitude :	1,748 m
7.	Name of the mine :	Cumakomu (25,000)
8.	Location and communication :	Cumakomu, Tercan, Erzurum, 20 minutes from Cumakomu, on foot
9.	Type etc. :	trench for exploitation
10.	Host rock :	strongly serpentized dunite and serpen- tinite (powdery)
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	lower horizon
	Amount of the orebody ;	* 1
	Direction of the orebody ;	strike * N 80°W dip * (Direction of the ore zone ; N 80°W*)
	Scale of the orebody observed ;	extension to strike-side * m extension to dip-side * m width 0.1~0.3 m
	Shape of the orebody ;	*
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	strike N 55° E dip 62° NW
14.	Ore :	
	Type of the ore ;	massive, disseminated
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 30 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 25 m extension to dip-side 10 m width 2 m
16.	Volume of the trench estimated :	2,500 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	1,750 ton
18.	Amount of stock of the ore :	15 ton (30 % Cr ₂ O ₃)
19.	Relation to the other trenches and galleries :	TY-36
20.	Laboratorical tests :	polished section (Acr-62)
21.	Remarks :	refer Plate 7-7

List of trenches and galleries

1.	Number of trench :	TY-38		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Trabzon, h-44, c3, No.4		
5.	Coordinates :	29.90 N,	19.95 E	
6.	Altitude :	2,300 m		
7.	Name of the mine :	Arapçayırıdaere (10,000) (northern chrome zone)		
8.	Location and communication :	Arapçayırıdaere, Kop, Bayburt, Gümüşhane, 45 minutes from Sıçankale Y., by car		
9.	Type etc. :	trench for exploration		
10.	Host rock :	serpentinite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 40° E*)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	30 - 35 % Cr ₂ O ₃	
15.	The largest scale of the orebody estimated :	extension to strike-side	15	m
		extension to dip-side	*	m
		width	1	m
16.	Volume of the trench estimated :		* 140	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-39		
20.	Laboratorical tests :	-		
21.	Remarks :	refer Plate 7-1		

List of trenches and galleries

1.	Number of trench :	TY-39		
2.	Project No. :	78/26		
3.	Area :	Kopdağ ^v		
4.	Map No. :	Trabzon, h-44, c3, No.4		
5.	Coordinates :	29.88 N,	19.93 E	
6.	Altitude :	2,300 m		
7.	Name of the mine :	Arapçayırđere (10,000)(northern chrome zone)		
8.	Location and communication :	Arapçayırđere, Kop, Bayburt, Gümüşhane, 45 minutes from Sıçankale Y. , by car		
9.	Type etc. :	trench for exploration		
10.	Host rock :	serpentinized dunite		
11.	Orebody :			
	Stratigraphic horizon in			
	ultrabasic rocks ;	upper horizon (footwall-side orebody)		
	Amount of the orebody ;	*		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 40° E*)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation,	30 - 35 % Cr ₂ O ₃	
15.	The largest scale of the orebody estimated :	extension to strike-side	9	m
		extension to dip-side	*	m
		width	1	m
16.	Volume of the trench estimated :		* 90	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TY-38		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-1		

List of trenches and galleries

- | | |
|--|---|
| 1. Number of trench : | TY-40 (not surveyed in detail) |
| 2. Project No. : | 78/26 |
| 3. Area : | Kopdağ |
| 4. Map No. : | Trabzon, h-44, c3, No.4 |
| 5. Coordinates : | 29.58 N, 20.04 E |
| 6. Altitude : | 2,250 m |
| 7. Name of the mine : | Arapçayırıdaere (10,000) |
| 8. Location and communication : | Arapçayırıdaere, Kop, Bayburt, Gümüşhane,
45 minutes from Sıçankale Y., by car |
| 9. Type etc. : | trench |
| 10. Host rock : | strongly serpentinized harzburgite * |
| 11. Orebody : | |
| Stratigraphic horizon in
ultrabasic rocks ; | middle horizon (upper part) |
| Amount of the orebody ; | * |
| Direction of the orebody ; | * |
| Scale of the orebody observed ; | (Direction of the ore zone ; *)
* |
| Shape of the orebody ; | * |
| 12. Chromite banding around the
orebody : | not observed |
| 13. Fault around the orebody : | not observed |
| 14. Ore : | |
| Type of the ore ; | * |
| Ore minerals ; | * |
| Grade of the ore ; | * |
| 15. The largest scale of the
orebody estimated : | * |
| 16. Volume of the trench estimated : | * |
| 17. The largest amount of the ore
estimated which is taken
from the trench : | * |
| 18. Amount of stock of the ore : | * |
| 19. Relation to the other trenches
and galleries : | TY-38,39 |
| 20. Laboratorical tests : | - |
| 21. Remarks : | no sketch map |

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of trench : | TZ-1 * |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1 No.1 |
| 5. | Coordinates : | 26.85 N, 06.75 E |
| 6. | Altitude : | 2,066 m |
| 7. | Name of the mine : | Batı Ezan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Büyükgüllünün Sr., Sıçankale Y., Aşkale,
Erzurum,
30 minutes from Sıçankale Y., by car
trench for exploitation |
| 9. | Type etc. : | |
| 10. | Host rock : | serpentinite (powdery) |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon (hangingwall-side orebody) |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 85° E dip 50 - 72 N
(Direction of the ore zone ; N 70° E) |
| | Scale of the orebody observed ; | extension to strike-side 50 m
extension to dip-side 2 m
width 5 m |
| | Shape of the orebody ; | layered |
| 12. | Chromite banding around the
orebody : | not observed |
| 13. | Fault around the orebody : | not observed |
| 14. | Ore : | |
| | Type of the ore ; | massive, disseminated |
| | Ore minerals ; | chromite (kaemmererite) |
| | Grade of the ore ; | macroscopic estimation, 35 - 40 % Cr ₂ O ₃
analytical value, 38.29 % Cr ₂ O ₃ from the
stockpile, random sample |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side 60 m
extension to dip-side 4 m
width 5 m |
| 16. | Volume of the trench estimated : | 33,750 m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | 4,200 ton |
| 18. | Amount of stock of the ore : | 234 ton |
| 19. | Relation to the other trenches
and galleries : | TC-7, TZ-3, GC-7 |
| 20. | Laboratorial tests : | chemical analysis of the ore (Zcr-6) |
| 21. | Remarks : | refer Plate 7-4 |

List of trenches and galleries

1.	Number of trench :	TZ-2	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1 No.1	
5.	Coordinates :	26.65 N, 07.17 E	
6.	Altitude :	2,085 m	
7.	Name of the mine :	Doğu Ezan (2,000) (northern chrome zone)	
8.	Location and communication :	Büyükgüllünün Sr. , Sıçankale Y. , Aşkale, Erzurum, 30 minutes from Sıçankale Y. , by car trench for exploration	
9.	Type etc. :		
10.	Host rock :	serpentinite (powdery)	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 60° E dip 47° NW (Direction of the ore zone ; N 50° E)	
	Scale of the orebody observed ;	extension to strike-side 10 m extension to dip-side 1.5 m width 1.5 m	
	Shape of the orebody ;	lenticular	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	massive	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 15 m extension to dip-side 1.5 m width 2.5 m	
16.	Volume of the trench estimated :		150 m ³
17.	The largest amount of the ore estimated which is taken from the trench :		200 ton
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TC-9	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-4	

List of trenches and galleries

1. Number of trench :	TZ-3 *
2. Project No. :	78/26
3. Area :	Kopdağ
4. Map No. :	Erzincan, i-44, b1, No.1
5. Coordinates :	26.95 N, 07.20 E
6. Altitude :	2,100 m
7. Name of the mine :	B Kafa (2,000) (northern chrome zone)
8. Location and communication :	Güllüünder, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car
9. Type etc. :	trench for exploitation
10. Host rock :	serpentinite (powdery)
11. Orebody :	
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side, footwall-side orebody)
Amount of the orebody ;	2 (in turn)
Direction of the orebody ;	strike N 10 - 50° E, N 25° E dip 40° W, 80-90° NW* (Direction of the ore zone ; N 70° E, N 50° E)
Scale of the orebody observed ;	extension to strike-side 190, 40 m extension to dip-side 15, 8 m width 10 - 15, 15 m (in turn)
Shape of the orebody ;	layered, 2 orebodies (one, hangingwall-side, and the other, footwall-side) are found in the trench
12. Chromite banding around the orebody :	not observed
13. Fault around the orebody :	not observed
14. Ore :	
Type of the ore ;	massive, disseminated
Ore minerals ;	chromite (uvarovite) (kaemmererite)
Grade of the ore ;	macroscopic estimation, 35 - 45 % Cr ₂ O ₃
15. The largest scale of the orebody estimated :	extension to strike-side 220, 80 m extension to dip-side 15, 15 m width 15, 15 m (in turn)
16. Volume of the trench estimated :	116,000 m ³
17. The largest amount of the ore estimated which is taken from the trench :	86,600, 31,500 ton
18. Amount of stock of the ore :	variable
19. Relation to the other trenches and galleries :	TC-7,8,9 TZ-1,2,4,5,6,7, GA-1,2
20. Laboratorical tests :	-
21. Remarks :	refer Plate 7-4

List of trenches and galleries

1.	Number of trench :	TZ-4	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1, No.1	
5.	Coordinates :	26.93 N, 07.36 E	
6.	Altitude :	2,030 m	
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)	
8.	Location and communication :	Güllünüdere., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car	
9.	Type etc. :	trench for exploration	
10.	Host rock :	serpentinite	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 35° - 40° E dip 36° - 40° NW (Direction of the ore zone ; N 50° E)	
	Scale of the orebody observed ;	extension to strike-side 55 m extension to dip-side 5 m width 3 m	
	Shape of the orebody ;	layered, Two orebodies are present; one is located at this trench, another at TZ-5, and 6	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	strike N 60° E dip 55° NW	
14.	Ore :		
	Type of the ore ;	massive	
	Ore minerals ;	chromite (uvarovite)	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 60 m extension to dip-side 5 m width 5 m	
16.	Volume of the trench estimated :	22,500	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	5,250	ton
18.	Amount of stock of the ore :	*	
19.	Relation to the other trenches and galleries :	TZ-5, 6, GD-2,3, GC-9	
20.	Laboratorical tests :	-	
21.	Remarks :	refer Plate 7-4	

List of trenches and galleries

1.	Number of trench :	TZ-5		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.1		
5.	Coordinates :	26.90 N,	07.38	E
6.	Altitude :	2,020 m		
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)		
8.	Location and communication :	Güllünüdere., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car trench for exploration		
9.	Type etc. :			
10.	Host rock :	serpentinite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)		
	Amount of the orebody ;	1		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 50° E)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	massive		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	10	m
		extension to dip-side	2	m
		width	3	m
16.	Volume of the trench estimated :	1,080 m ³		
17.	The largest amount of the ore estimated which is taken from the trench :	210 ton		
18.	Amount of stock of the ore :	-		
19.	Relation to the other trenches and galleries :	TZ-4,6		
20.	Laboratorial tests :	-		
21.	Remarks :	refer Plate 7-4		

List of trenches and galleries

1.	Number of trench :	TZ-6	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1, No.1	
5.	Coordinates :	26.88 N, 7.38 E	
6.	Altitude :	2,025 m	
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)	
8.	Location and communication :	Güllünüdere., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car trench for exploration	
9.	Type etc. :		
10.	Host rock :	serpentinite	
11.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
	Amount of the orebody ;	1	
	Direction of the orebody ;	strike N 20° - 40° E dip 40° - 50° W (Direction of the ore zone ; N 50° E)	
	Scale of the orebody observed ;	extension to strike-side 25 m extension to dip-side 23 m width 4 m	
	Shape of the orebody ;	layered	
12.	Chromite banding around the orebody :	not observed	
13.	Fault around the orebody :	not observed	
14.	Ore :		
	Type of the ore ;	massive	
	Ore minerals ;	chromite	
	Gangue minerals ;	serpentine, magnesite, magnetite, stichtite	
	Grade of the ore ;	macroscopic estimation, *	
15.	The largest scale of the orebody estimated :	extension to strike-side 50 m extension to dip-side 25 m width 6 m	
16.	Volume of the trench estimated :	10,000	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	13,130	ton
18.	Amount of stock of the ore :	-	
19.	Relation to the other trenches and galleries :	TZ-4,5 GC-8	
20.	Laboratorial tests :	X-ray diffractive analysis (Bx-3)	
21.	Remarks :	refer Plate 7-4	

List of trenches and galleries

1.	Number of trench :	TZ-7 *
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	27.05 N, 07.42 E
6.	Altitude :	2,010 m
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)
8.	Location and communication :	Güllüniidere., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car trench for exploitation
9.	Type etc. :	
10.	Host rock :	serpentinite (powdery)
11.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N 74° E dip 65° N (Direction of the ore zone ; N 50° E)
	Scale of the orebody observed ;	extension to strike-side 20 m extension to dip-side 5 m width 1.2 m
	Shape of the orebody ;	layered
12.	Chromite banding around the orebody :	not observed
13.	Fault around the orebody :	not observed
14.	Ore :	
	Type of the ore ;	massive
	Ore minerals ;	chromite
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃
15.	The largest scale of the orebody estimated :	extension to strike-side 20 m extension to dip-side 5 m width 1.5 m
16.	Volume of the trench estimated :	600 m ³
17.	The largest amount of the ore estimated which is taken from the trench :	280 ton
18.	Amount of stock of the ore :	-
19.	Relation to the other trenches and galleries :	-
20.	Laboratorical tests :	-
21.	Remarks :	refer Plate 7-4

List of trenches and galleries

1. Number of trench :	TZ-8		
2. Project No. :	78/26		
3. Area :	Kopdağ		
4. Map No. :	Erzincan, i-44, b1, No.1		
5. Coordinates :	26.68 N,	06.98 E	
6. Altitude :	2,085 m		
7. Name of the mine :	Orta Ezan (2,000) (northern chrome zone)		
8. Location and communication :	Büyükgüllünün Sr., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car trench for exploitation		
9. Type etc. :			
10. Host rock :	serpentinite (powdery)		
11. Orebody :			
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (between hangingwall-side and footwall-side orebody)		
Amount of the orebody ;	2		
Direction of the orebody ;	strike	N 85° E dip	48° N
	(Direction of the ore zone ; *)		
Scale of the orebody observed ;	extension to strike-side	14	m
	extension to dip-side	2.5	m
	width	2.5	m
Shape of the orebody ;	layered		
12. Chromite banding around the orebody :	strike N 50° W dip 33° NE		
13. Fault around the orebody :	not observed		
14. Ore :			
Type of the ore ;	massive		
Ore minerals ;	chromite		
Grade of the ore ;	macroscopic estimation, *		
15. The largest scale of the orebody estimated :	extension to strike-side	20	m
	extension to dip-side	2.5	m
	width	2.5	m
16. Volume of the trench estimated :	460 m ³		
17. The largest amount of the ore estimated which is taken from the trench :	300 ton		
18. Amount of stock of the ore :	-		
19. Relation to the other trenches and galleries :	-		
20. Laboratorical tests :	-		
21. Remarks :	refer Plate 7-4		

List of trenches and galleries

1.	Number of trench :	TZ-9 (not surveyed in detail)		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.1		
5.	Coordinates :	23.04 N,	08.73 E	
6.	Altitude :	1,885 m		
7.	Name of the mine :	Tecer (10,000) (southern chrome zone)		
8.	Location and communication :	Topkayanın Tepe, Ağcahisar, Aşkale, Erzurum, 30 minutes from Ağcahisar, on foot trench		
9.	Type etc. :			
10.	Host rock :	dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike	*	dip *
	Scale of the orebody observed ;	(Direction of the ore zone ; N 60° E)		
		extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	strike N 85° W dip 45° N		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	*		
	Ore minerals ;	*		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
16.	Volume of the trench estimated :		*	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TZ-10		
20.	Laboratorial tests :	-		
21.	Remarks :	no sketch map		

List of trenches and galleries

1.	Number of trench :	TZ-10 (not surveyed in detail)		
2.	Project No. :	78/26		
3.	Area :	Kopdag		
4.	Map No. :	Erzincan, i-44, b1, No.1		
5.	Coordinates :	23.00 N,	08.61 E	
6.	Altitude :	1,830 m		
7.	Name of the mine :	Tecer (10,000) (southern chrome zone)		
8.	Location and communication :	Topkayanın Tepe, Ağcahisar, Aşkale, Erzurum, 30 minutes from Ağcahisar, on foot trench		
9.	Type etc. :			
10.	Host rock :	dunite		
11.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	middle horizon		
	Amount of the orebody ;	1 *		
	Direction of the orebody ;	strike	*	dip *
		(Direction of the ore zone ; N 60° E)		
	Scale of the orebody observed ;	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
	Shape of the orebody ;	*		
12.	Chromite banding around the orebody :	not observed		
13.	Fault around the orebody :	not observed		
14.	Ore :			
	Type of the ore ;	banded		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
15.	The largest scale of the orebody estimated :	extension to strike-side	*	m
		extension to dip-side	*	m
		width	*	m
16.	Volume of the trench estimated :		*	m ³
17.	The largest amount of the ore estimated which is taken from the trench :	*		
18.	Amount of stock of the ore :	*		
19.	Relation to the other trenches and galleries :	TZ-9		
20.	Laboratorical tests :	-		
21.	Remarks :	no sketch map		

List of trenches and galleries

- | | | |
|-----|--|---|
| 1. | Number of outcrop : | SZ-1 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.1 |
| 5. | Coordinates : | 27.32 N, 09.09 E |
| 6. | Altitude : | 2,067 m |
| 7. | Name of the mine : | Çalazarlarındere (2,000)(northern chrome zone) |
| 8. | Location and communication : | Çalazarlarındere, Sığankale Y., Aşkale,
Erzurum, 30 minutes from Sığankale Y.,
on foot and by car |
| 9. | Type etc. : | outcrop, covered by debris mostly |
| 10. | Host rock : | serpentinite |
| 11. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 |
| | Direction of the orebody ; | strike N 30° E dip 60° NW
(Direction of the ore zone ; N 15° E) |
| | Scale of the orebody observed ; | extension to strike-side * m
extension to dip-side 10 m
width 1.5 m |
| | Shape of the orebody ; | layered |
| 12. | Chromite banding around the
orebody : | strike N 10° E - N 25° W, N 55° - 80° W
dip 30° - 70° W, 40 - 55° SW (in turn) |
| 13. | Fault around the orebody : | strike N 32° W dip 68° NE |
| 14. | Ore : | |
| | Type of the ore ; | massive, banded |
| | Ore minerals ; | chromite (uvarovite) |
| | Grade of the ore ; | macroscopic estimation, 30 - 40 % Cr ₂ O ₃
analytical value, 38.67 % Cr ₂ O ₃ from the
outcrop, random sample |
| 15. | The largest scale of the
orebody estimated : | extension to strike-side * m
extension to dip-side * m
width * m |
| 16. | Volume of the trench estimated : | - m ³ |
| 17. | The largest amount of the ore
estimated which is taken
from the trench : | - |
| 18. | Amount of stock of the ore : | - |
| 19. | Relation to the other trenches
and galleries : | TC-39 |
| 20. | Laboratorial tests : | chemical analysis of the ore (Ccr-7)
polished section (Ccr-7, Ccr-50) |
| 21. | Remarks : | refer Plate 7-3 |

List of trenches and galleries

1.	Number of gallery :	GA-1
2.	Project No. :	78/26
3.	Area :	Kopdag
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	25.04 N, 07.27 E
6.	Altitude :	2,079 m
7.	Name of the mine :	B Kafa (2,000) (northern chrome zone)
8.	Location and communication :	Güllünüdere, Sıçankale Y, Aşkale, Erzurum , 30 minutes from Sıçankale Y., by car open, drift,past
9.	Type etc. :	
10.	Trenches referred :	TZ-3
	Galleries referred :	GA-2
11.	Host rock :	strongly serpentized dunite and serpentinite
12.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N80°E, dip 60°N (Direction of the ore zone ; N50°E)
	Scale of the orebody observed ;	extension to strike-side 40 m extension to dip-side 10 m width 2 m
	Altitude of orebody from the outcrop or trench ;	21 m
	Shape of the orebody ;	lenticular
13.	Chromite banding around the orebody :	not observed
14.	Fault around the orebody :	strike N30°- 40°E, N80°E, dip 75°NW, 65°SE (in turn)
15.	Ore :	
	Type of the ore ;	massive, disseminated
	Ore minerals ;	chromite (uvarovite) (kaemmererite)
	Grade of the ore ;	macroscopic estimation, 25 - 35 % Cr ₂ O ₃
16.	Development of orebody com- pared with the upperpart :	size; similar, grade; similar
17.	The largest scale of the orebody estimated :	extension to strike-side 50 m extension to dip-side 10 m width 10 m
18.	Length of the gallery :	225 m
19.	Laboratorical tests :	-
20.	Remarks :	refer Plate 8 4 sublevel drift are included

List of trenches and galleries

1.	Number of gallery :	GA-2 *	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1, No.1	
5.	Coordinates :	26.80 N, 07.32 E	
6.	Altitude :	2,060 m	
7.	Name of the mine :	B Kafa (2,000) (northern chrome zone)	
8.	Location and communication :	Güllüdüdere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car open, cross-cut, active in 1978	
9.	Type etc. :		
10.	Trenches referred :	TZ-3	
	Galleries referred :	GA-1	
11.	Host rock :	strongly serpentinized dunite	
12.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
	Amount of the orebody ;	-	
	Direction of the orebody ;	-	
	Scale of the orebody observed ;	(Direction of the ore zone ; N50°E)	
	Altitude of orebody from the outcrop or trench ;		40 m
	Shape of the orebody ;	-	
13.	Chromite banding around the orebody :	strike N 20° W, dip 85° SW	
14.	Fault around the orebody :	strike N70°W, dip 80°S etc	
15.	Ore :		
	Type of the ore ;	-	
	Ore minerals ;	-	
	Grade of the ore ;	macroscopic estimation, -	
16.	Development of orebody com- pared with the upperpart :	-	
17.	The largest scale of the orebody estimated :	-	
18.	Length of the gallery :		21 m
19.	Laboratorical tests :	-	
20.	Remarks :	refer Plate 8	

List of trenches and galleries

1. Number of gallery :	GB-1 *	
2. Project No. :	78/26	
3. Area :	Kopdağ	
4. Map No. :	Erzincan, i-44, b1, No.1	
5. Coordinates :	26.48 N, 07.08 E	
6. Altitude :	2,018 m	
7. Name of the mine :	Doğu Ezan (2,000) (northern chrome zone)	
8. Location and communication :	Büyükgüllünun Sr., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car open, cross-cut, active in 1978	
9. Type etc. :		
10. Trenches referred :	TC-9	
Galleries referred :	GC-3,4	
11. Host rock :	strongly serpentinized dunite and serpentinite (powdery)	
12. Orebody :		
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
Amount of the orebody ;	-	
Direction of the orebody ;	-	
	(Direction of the ore zone ; N50°E)	
Scale of the orebody observed ;	-	
Altitude of orebody from the outcrop or trench ;		47 m
Shape of the orebody ;	-	
13. Chromite banding around the orebody :	strike N, dip 10°W	
14. Fault around the orebody :	not observed	
15. Ore :		
Type of the ore ;	-	
Ore minerals ;	-	
Grade of the ore ;	macroscopic estimation, -	
16. Development of orebody com- pared with the upperpart :	-	
17. The largest scale of the orebody estimated :	-	
18. Length of the gallery :		41 m
19. Laboratorial tests :	-	
20. Remarks :	refer Plate 8	

List of trenches and galleries

- | | | |
|-----|---|--|
| 1. | Number of gallery : | GB-2 |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.1 |
| 5. | Coordinates : | 26.52°N, 07.16°E |
| 6. | Altitude : | 2,122 m |
| 7. | Name of the mine : | Doğu Ezan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Büyükgüllünün Sr., Sıçankale Y.,
Aşkale, Erzurum,
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | open, drift |
| 10. | Trenches referred : | - |
| | Galleries referred : | - |
| 11. | Host rock : | serpentinite (powdery) |
| 12. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon |
| | Amount of the orebody ; | 1 * |
| | Direction of the orebody ; | strike N 40° E, dip 30° NW
(Direction of the ore zone ; *) |
| | Scale of the orebody observed ; | width 1.1 m |
| | Altitude of orebody from the
outcrop or trench ; | - |
| | Shape of the orebody ; | - |
| 13. | Chromite banding around the
orebody : | not observed |
| 14. | Fault around the orebody : | strike N85°E, dip 32°N |
| 15. | Ore : | |
| | Type of the ore ; | massive, brecciated |
| | Ore minerals ; | chromite |
| | Grade of the ore ; | macroscopic estimation, 40 - 45% Cr ₂ O ₃ |
| 16. | Development of orebody com-
pared with the upperpart : | * |
| 17. | The largest scale of the
orebody estimated : | * |
| 18. | Length of the gallery : | 5 m |
| 19. | Laboratorial tests : | - |
| 20. | Remarks : | refer Plate 8
This is located between TZ-3 and TZ-2. |

List of trenches and galleries

1.	Number of gallery :	GB-3 (not surveyed)	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, a2, No.2	
5.	Coordinates :	24.30 N, 05.05 E	
6.	Altitude :	2,105 m	
7.	Name of the mine :	Pembe Gül (northern chrome zone)	
8.	Location and communication :	Keşandere, Cancıkkomu, Aşkale, Erzurum, 60 minutes from Sıçankale Y, on foot and by car. closed	
9.	Type etc. :		
10.	Trenches referred :	TM-3	
	Galleries referred :	-	
11.	Host rock :	*	
12.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon	
	Amount of the orebody ;	*	
	Direction of the orebody ;	*	
		(Direction of the ore zone ; *)	
	Scale of the orebody observed ;	*	
	Altitude of orebody from the outcrop of trench ;		10 m
	Shape of the orebody ;	*	
13.	Chromite banding around the orebody ;	*	
14.	Fault around the orebody :	*	
15.	Ore :		
	Type of the ore ;	*	
	Ore minerals ;	chromite	
	Grade of the ore ;	macroscopic estimation, *	
16.	Development of orebody com- pared with the upperpart :	*	
17.	The largest scale of the orebody estimated :	*	
18.	Length of the gallery :	*	
19.	Laboratorial tests :	-	
20.	Remarks :	-	

List of trenches and galleries

1.	Number of gallery :	GC-1 *		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.1		
5.	Coordinates :	27.13 N, 07.71 E		
6.	Altitude :	2,075 m		
7.	Name of the mine :	Sulu (2,000) (northern chrome zone)		
8.	Location and communication :	Güllüdüdere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car		
9.	Type etc. :	open, drift, active in 1978		
10.	Trenches referred :	TC-31		
	Galleries referred :	GX-1		
11.	Host rock :	strongly serpentized dunite		
12.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)		
	Amount of the orebody ;	1		
	Direction of the orebody ;	Strike N 45° - 80° W, N65°E, dip 45° - 70°NE, 30°NW (Direction of the ore zone ; N85°E) (in turn)		
	Scale of the orebody observed ;	extension to strike-side 55 m extension to dip-side 17 m width 2 - 10 m		
	Altitude of orebody from the outcrop or trench ;	0 m		
	Shape of the orebody ;	lenticular		
13.	Chromite banding around the orebody :	strike N 25° E, dip 35° NW		
14.	Fault around the orebody :	strike N80°E, dip 65°SE etc		
15.	Ore :			
	Type of the ore ;	massive		
	Ore minerals ;	chromite (kaemmererite)		
	Gangue minerals ;	serpentine, brucite, stichtite		
	Grade of the ore ;	macroscopic estimation, *		
16.	Development of orebody com- pared with the upperpart :	size; larger, grade; *		
17.	The largest scale of the orebody estimated :	extension to strike-side 60 m extension to dip-side 20 m width 10 m		
18.	Length of the gallery :	143 m		
19.	Laboratorial tests :	x-ray diffractive analysis (Cx-3)		
20.	Remarks :	refer Plate 8 1 sublevel drift is included.		

List of trenches and galleries

1.	Number of gallery :	GC-2 *		
2.	Project No. :	78/26		
3.	Area :	Kopdağ		
4.	Map No. :	Erzincan, i-44, b1, No.1		
5.	Coordinates :	27.16 N, 07.70 E		
6.	Altitude :	2,077 m		
7.	Name of the mine :	Sulu (2,000) (northern chrome zone)		
8.	Location and communication :	Güllüünder, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car open, drift, active in 1978		
9.	Type etc. :	open, drift, active in 1978		
10.	Trenches referred :	TC-10		
	Galleries referred :	-		
11.	Host rock :	serpentinite		
12.	Orebody :			
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)		
	Amount of the orebody :	1		
	Direction of the orebody ;	strike	N65°E,	dip 66° NW
		(Direction of the ore zone ; N70°E)		
	Scale of the orebody observed ;	extension to strike-side	6	m
		extension to dip-side	2	m
		extension to dip-side	2	m
		width	2	m
	Altitude of orebody from the outcrop or trench ;		18	m
	Shape of the orebody ;	lenticular		
13.	Chromite banding around the orebody :	strike	N55°E,	dip 66°NW
14.	Fault around the orebody :	not observed		
15.	Ore :			
	Type of the ore ;	massive		
	Ore minerals ;	chromite		
	Grade of the ore ;	macroscopic estimation, *		
16.	Development of orebody com- pared with the upperpart :	size; * grade; *		
17.	The largest scale of the orebody estimated :	extension to strike-side	> 76	m
		extension to dip-side	> 2	m
		width	> 2	m
18.	Length of the gallery :		7	m
19.	Laboratorial tests :	polished section (Ccr-48)		
20.	Remarks :	refer Plate 8		

List of trenches and galleries

1.	Number of gallery :	GC-3 (not surveyed)
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	26.60 N, 07.12 E
6.	Altitude :	2,043 m
7.	Name of the mine :	Doğu Ezan (2,000) (northern chrome zone)
8.	Location and communication :	Büyükgüllünün Sr., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car closed, drift
9.	Type etc. :	
10.	Trenches referred :	TC-9
	Galleries referred :	GC-4
11.	Host rock :	strongly serpentinized dunite and serpentinite
12.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1*
	Direction of the orebody ;	*
	Scale of the orebody observed ;	(Direction of the ore zone ; N50°E) *
	Altitude of orebody from the outcrop or trench ;	22 m
	Shape of the orebody ;	*
13.	Chromite banding around the orebody :	*
14.	Fault around the orebody :	*
15.	Ore :	
	Type of the ore ;	*
	Ore minerals ;	chromite (uvarovite), (kaemmererite)
	Grade of the ore ;	macroscopic estimation, *
16.	Development of orebody com- pared with the upperpart :	size; * grade; *
17.	The largest scale of the orebody estimated :	*
18.	Length of the gallery :	*
19.	Laboratorial tests :	-
20.	Remarks :	refer 7-240

List of trenches and galleries

- | | | |
|-----|---|--|
| 1. | Number of gallery : | GC-4 (not surveyed) |
| 2. | Project No. : | 78/26 |
| 3. | Area : | Kopdağ |
| 4. | Map No. : | Erzincan, i-44, b1, No.1 |
| 5. | Coordinates : | 26.63 N, 07.08 E |
| 6. | Altitude : | 2,065 m |
| 7. | Name of the mine : | Doğu Ecan (2,000) (northern chrome zone) |
| 8. | Location and communication : | Büyükgüllünün Sr., Sıçankale Y.,
Aşkale, Erzurum,
30 minutes from Sıçankale Y., by car |
| 9. | Type etc. : | closed, drift |
| 10. | Trenches referred : | TC-9 |
| | Galleries referred : | TC-3 |
| 11. | Host rock : | strongly serpentized dunite and serpentinite |
| 12. | Orebody : | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon (footwall-side orebody) |
| | Amount of the orebody ; | 1* |
| | Direction of the orebody ; | * |
| | | (Direction of the ore zone ; N50°E) |
| | Scale of the orebody observed ; | * |
| | Altitude of orebody from the
outcrop or trench ; | 0 m |
| | Shape of the orebody ; | * |
| 13. | Chromite banding around the
orebody : | * |
| 14. | Fault around the orebody : | * |
| 15. | Ore : | |
| | Type of the ore ; | * |
| | Ore minerals ; | chromite (uvarovite), (kaemmererite) |
| | Grade of the ore ; | macroscopic estimation, * |
| 16. | Development of orebody com-
pared with the upperpart : | size; * grade; * |
| 17. | The largest scale of the
orebody estimated : | * |
| 18. | Length of the gallery : | * |
| 19. | Laboratorial tests : | - |
| 20. | Remarks : | This gallery passes through GC-3.
It is closed in 1978. |

List of trenches and galleries

- | | | | |
|-----|---|--|--|
| 1. | Number of gallery : | GC-5 (not surveyed) | |
| 2. | Project No. : | 78/26 | |
| 3. | Area : | Kopdağ | |
| 4. | Map No. : | Erzincan, i-44, b1, No.1 | |
| 5. | Coordinates : | 26.22 N, 07.02 E | |
| 6. | Altitude : | 1,936 m | |
| 7. | Name of the mine : | Tepebaşı (2,000) (northern chrome zone) | |
| 8. | Location and communication : | Büyükgüllünün Sr., Sıçankale Y.,
Aşkale, Erzurum,
30 minutes from Sıçankale Y., by car
closed | |
| 9. | Type etc. : | | |
| 10. | Trenches referred : | TC-6 | |
| | Galleries referred : | - | |
| 11. | Host rock : | * | |
| 12. | Orebody : | | |
| | Stratigraphic horizon in
ultrabasic rocks ; | upper horizon (footwall-side orebody) | |
| | Amount of the orebody ; | * | |
| | Direction of the orebody ; | * | |
| | Scale of the orebody observed ; | (Direction of the ore zone ; N30°E)
* | |
| | Altitude of orebody from the
outcrop or trench ; | 0 m | |
| | Shape of the orebody ; | * | |
| 13. | Chromite banding around the
orebody : | * | |
| 14. | Fault around the orebody : | * | |
| 15. | Ore : | | |
| | Type of the ore ; | * | |
| | Ore minerals ; | * | |
| | Grade of the ore ; | macroscopic estimation, * | |
| 16. | Development of orebody com-
pared with the upperpart : | * | |
| 17. | The largest scale of the
orebody estimated : | * | |
| 18. | Length of the gallery : | * | |
| 19. | Laboratorical tests : | - | |
| 20. | Remarks : | - | |

List of trenches and galleries

1.	Number of gallery :	GC-6 (not surveyed)
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	27.09 N, 07.56 E
6.	Altitude :	2,025 m
7.	Name of the mine :	Sulu (2,000) (northern chrome zone)
8.	Location and communication :	Güllünüdere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car
9.	Type etc. :	closed
10.	Trenches referred :	TM-1
	Galleries referred :	-
11.	Host rock :	serpentinite
12.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side, footwall-side orebody)
	Amount of the orebody ;	*
	Direction of the orebody ;	*
		(Direction of the ore zone ; N70°, 85°E)
	Scale of the orebody observed ;	*
	Altitude of orebody from the outcrop or trench ;	0 m
	Shape of the orebody ;	*
13.	Chromite banding around the orebody :	*
14.	Fault around the orebody :	*
15.	Ore :	
	Type of the ore ;	*
	Ore minerals ;	*
	Grade of the ore ;	macroscopic estimation, *
16.	Development of orebody com- pared with the upperpart :	*
17.	The largest scale of the orebody estimated :	*
18.	Length of the gallery :	*
19.	Laboratorial tests :	-
20.	Remarks :	

List of trenches and galleries

1.	Number of gallery :	GC-7 (not surveyed)	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Erzincan, i-44, b1, No.1	
5.	Coordinates :	26.80 N, 06.81 E	
6.	Altitude :	2,060 m	
7.	Name of the mine :	Batı Ezan (2,000) (northern chrome zone)	
8.	Location and communication :	Büyükgüllünün Sr. , Sıçankale Y. , Aşkale, Erzurum, 30 minutes from Sıçankale Y. , by car closed	
9.	Type etc. :		
10.	Trenches referred :	TZ-1	
	Galleries referred :	-	
11.	Host rock :	serpentinite	
12.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (hangingwall-side orebody)	
	Amount of the orebody ;	*	
	Direction of the orebody ;	*	
	Scale of the orebody observed ;	(Direction of the ore zone ; N70°E)	
	Altitude of orebody from the outcrop or trench ;	6 m	
	Shape of the orebody ;	*	
13.	Chromite banding around the orebody :	*	
14.	Fault around the orebody :	*	
15.	Ore :		
	Type of the ore ;	*	
	Ore minerals ;	*	
	Grade of the ore ;	macroscopic estimation, *	
16.	Development of orebody com- pared with the upperpart :	*	
17.	The largest scale of the orebody estimated :	*	
18.	Length of the gallery :	*	
19.	Laboratorical tests :	-	
20.	Remarks :	-	

List of trenches and galleries

- | | | |
|---|--|-----|
| 1. Number of gallery : | GC-8 (not surveyed) | |
| 2. Project No. : | 78/26 | |
| 3. Area : | Kopdağ | |
| 4. Map No. : | Erzincan, i-44, b1, No.1 | |
| 5. Coordinates : | 26.89 N, 07.39 E | |
| 6. Altitude : | 2,025 m | |
| 7. Name of the mine : | C Kafa (2,000) (northern chrome zone) | |
| 8. Location and communication : | Güllüünder, Sığankale Y.,
Aşkale, Erzurum
30 minutes from Sığankale Y., by car | |
| 9. Type etc. : | closed | |
| 10. Trenches referred : | TZ-6 | |
| Galleries referred : | - | |
| 11. Host rock : | serpentinite | |
| 12. Orebody : | | |
| Stratigraphic horizon in | | |
| ultrabasic rocks ; | upper horizon (footwall-side orebody) | |
| Amount of the orebody ; | * | |
| Direction of the orebody ; | * | |
| | (Direction of the ore zone ; N50°E) | |
| Scale of the orebody observed ; | * | |
| Altitude of orebody from the | | |
| outcrop or trench ; | | 0 m |
| Shape of the orebody ; | * | |
| 13. Chromite banding around the | | |
| orebody ; | * | |
| 14. Fault around the orebody : | * | |
| 15. Ore : | | |
| Type of the ore ; | * | |
| Ore minerals ; | * | |
| | | |
| Grade of the ore ; | macroscopic estimation, * | |
| 16. Development of orebody com-
pared with the upperpart : | * | |
| 17. The largest scale of the
orebody estimated : | * | |
| 18. Length of the gallery : | * | |
| 19. Laboratorial tests : | - | |
| 20. Remarks : | - | |

List of trenches and galleries

1. Number of gallery :	GC-9 (not surveyed)	
2. Project No. :	78/26	
3. Area :	Kopdağ	
4. Map No. :	Erzincan, i-44, b1, No.1	
5. Coordinates :	26.89 N, 07.32 E	
6. Altitude :	2,060 m	
7. Name of the mine :	C Kafa (2,000) (northern chrome zone)	
8. Location and communication :	Güllünüdere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car closed	
9. Type etc. :		
10. Trenches referred :	TZ-4	
Galleries referred :	GD-2,3	
11. Host rock :	serpentinite	
12. Orebody :		
Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)	
Amount of the orebody ;	*	
Direction of the orebody ;	*	
	(Direction of the ore zone ; N50°E)	
Scale of the orebody observed ;	*	
Altitude of orebody from the outcrop or trench ;		0 m
Shape of the orebody ;	*	
13. Chromite banding around the orebody :	*	
14. Fault around the orebody :	*	
15. Ore :	*	
Type of the ore ;	*	
Ore minerals ;	*	
Grade of the ore ;	macroscopic estimation, *	
16. Development of orebody com- pared with the upperpart :	*	
17. The largest scale of the orebody estimated :	*	
18. Length of the gallery :	*	
19. Laboratorial tests :	-	
20. Remarks :	-	

List of trenches and galleries

1.	Number of gallery :	GD-1	
2.	Project No. :	78/26	
3.	Area :	Kopdağ	
4.	Map No. :	Trabzon, H-44, c-3, No.4	
5.	Coordinates :	30.49 N, 18.70 E	
6.	Altitude :	2,520 m	
7.	Name of the mine :	Coşan (2,000) (northern chrome zone)	
8.	Location and communication :	Isknlığındere, Kop, Bayburt, Gümtüşhane 30 minutes from Sıçankale Y., by car	
9.	Type etc. :	open, cross-cut	
10.	Trenches referred :	TD-33	
	Galleries referred :	-	
11.	Host rock :	serpentinized denite	
12.	Orebody :		
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon	
	Amount of the orebody ;	-	
	Direction of the orebody ;	-	
	Scale of the orebody observed ;	-	
	Altitude of orebody from the outcrop or trench ;	65 m (estimated)	
	Shape of the orebody ;	-	
13.	Chromite banding around the orebody :	strike	N5°W, dip 50°W
14.	Fault around the orebody :	strike	N30°E, N60°E, N60°W, N82°E, dip 30°SE, 70°SE, 50°SW, 66°N (in turn)
15.	Ore :		
	Type of the ore ;	-	
	Ore minerals ;	-	
	Grade of the ore ;	-	
16.	Development of orebody com- pared with the upperpart :	*	
17.	The largest scale of the orebody estimated :	*	
18.	Length of the gallery :	193 m	
19.	Laboratorial tests :	-	
20.	Remarks :	refer Plate 8	

List of trenches and galleries

1.	Number of gallery :	GD-2			
2.	Project No. :	78/26			
3.	Area :	Kopdağ			
4.	Map No. :	Erzincan, i-44, b1, No.1			
5.	Coordinates :	26.95°N, 07.38°E			
6.	Altitude :	2,013 m			
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)			
8.	Location and communication :	Güllününder, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car closed, drift			
9.	Type etc. :				
10.	Trenches referred :	TZ-4			
	Galleries referred :	GD-3			
11.	Host rock :	strongly serpentinized dunite and serpentinite			
12.	Orebody :				
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)			
	Amount of the orebody ;	1			
	Direction of the orebody ;	strike N50° 78°E, N40°W, dip 75°SE, 60° SW (in turn) (Direction of the ore zone ; N50°E)			
	Scale of the orebody observed ;	extension to strike-side	10	m	
		extension to dip-side	2	m	
		width	2	m	
	Altitude of orebody from the outcrop or trench ;		7	m	
	Shape of the orebody ;	lenticular			
13.	Chromite banding around the orebody :	strike	N40°W,	dip	80°SW
14.	Fault around the orebody :	strike	N70°W,	dip	60°N etc.
15.	Ore :				
	Type of the ore ;	massive, brecciated			
	Ore minerals ;	chromite			
	Grade of the ore ;	macroscopic estimation, 35 % Cr ₂ O ₃			
16.	Development of orebody com- pared with the upperpart :	size; * grade; *			
17.	The largest scale of the orebody estimated :	extension to strike-side	10	m	
		extension to dip-side	2	m	
		width	2	m	
18.	Length of the gallery :		88	m	
19.	Laboratorial tests :	-			
20.	Remarks :	refer Plate 8 1 sublevel drift is included.			

List of trenches and galleries

1.	Number of gallery :	GD-3
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	26.93 N, 07.35 E
6.	Altitude :	2,025 m
7.	Name of the mine :	C Kafa (2,000) (northern chrome zone)
8.	Location and communication :	Güllüdüdere, Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car
9.	Type etc. :	open, drift
10.	Trenches referred :	TZ-4
	Galleries referred :	GD-2
11.	Host rock :	serpentinite
12.	Orebody :	
	Stratigraphic horizon in	
	ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	1
	Direction of the orebody ;	strike N50°- 80°E, dip 45°- 80°NW (Direction of the ore zone ; N50°E)
	Scale of the orebody observed ;	extension to strike-side 40 m extension to dip-side 6 m width 3 - 10 m
	Altitude of orebody from the	
	outcrop or trench ;	0 m
	Shape of the orebody ;	lenticular
13.	Chromite banding around the	
	orebody ;	not observed
14.	Fault around the orebody :	strike N48°W, dip 80°NE
15.	Ore :	
	Type of the ore ;	massive, brecciated
	Ore minerals ;	chromite (uvarovite)
	Grade of the ore ;	macroscopic estimation, 30 - 35 % Cr ₂ O ₃
16.	Development of orebody com-	
	pared with the upperpart :	size; * grade; *
17.	The largest scale of the	
	orebody estimated :	extension to strike-side 40 m extension to dip-side 6 m width 10 m
18.	Length of the gallery :	80 m
19.	Laboratorical tests :	-
20.	Remarks :	refer Plate 8 1 sublevel is included

List of trenches and galleries

1.	Number of gallery :	GM-1 *
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	26.28 N, 07.07 E
6.	Altitude :	1,990 m
7.	Name of the mine :	Orta Ezan (2,000) (northern chrome zone)
8.	Location and communication :	Büyükgüllünun Sr., Sıçankale Y., Aşkale, Erzurum, 30 minutes from Sıçankale Y., by car open, cross-cut, active in 1978
9.	Type etc. :	
10.	Trenches referred :	TC-8
	Galleries referred :	-
11.	Host rock :	serpentinized dunite
12.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	-
	Direction of the orebody ;	-
		(Direction of the ore zone ; N50°E)
	Scale of the orebody observed ;	-
	Altitude of orebody from the outcrop or trench ;	48 m
	Shape of the orebody ;	-
13.	Chromite banding around the orebody :	not observed
14.	Fault around the orebody :	not observed
15.	Ore :	
	Type of the ore ;	-
	Ore minerals ;	-
	Gangue minerals ;	serpentine, magnesite, magnetite, stichtite
	Grade of the ore ;	macroscopic estimation, -
16.	Development of orebody com- pared with the upperpart :	*
17.	The largest scale of the orebody estimated :	*
18.	Length of the gallery :	50 m
19.	Laboratorical tests :	X-ray diffractive analysis (Bx-1)
20.	Remarks :	refer Plate 8

List of trenches and galleries

1.	Number of gallery :	GX-1 *
2.	Project No. :	78/26
3.	Area :	Kopdağ
4.	Map No. :	Erzincan, i-44, b1, No.1
5.	Coordinates :	27.10 N, 07.68 E
6.	Altitude :	2,057 m
7.	Name of the mine :	Sulu (2,000) (northern chrome zone)
8.	Location and communication :	Güllünündere, Sıçankale Y., Aşkale, Erzurum 30 minutes from Sıçankale Y., by car
9.	Type etc. :	open, cross-cut (footwall), active in 1978
10.	Trenches referred :	TC-31
	Galleries referred :	GC-1
11.	Host rock :	serpentinized dunite and dunite
12.	Orebody :	
	Stratigraphic horizon in ultrabasic rocks ;	upper horizon (footwall-side orebody)
	Amount of the orebody ;	-
	Direction of the orebody ;	-
		(Direction of the ore zone ; N85°E)
	Scale of the orebody observed ;	-
	Altitude of orebody from the outcrop or trench ;	18 m
	Shape of the orebody ;	-
13.	Chromite banding around the orebody :	not observed
14.	Fault around the orebody :	confirmed, strike N 10°E-70°W, dip 14°-43°E-N
15.	Ore :	
	Type of the ore ;	-
	Ore minerals ;	*
	Grade of the ore ;	macroscopic estimation, -
16.	Development of orebody com- pared with the upperpart :	-
17.	The largest scale of the orebody estimated :	*
18.	Length of the gallery :	144 m
19.	Laboratorical tests :	-
20.	Remarks :	refer Plate 8 1 sublevel cross-cut is included

