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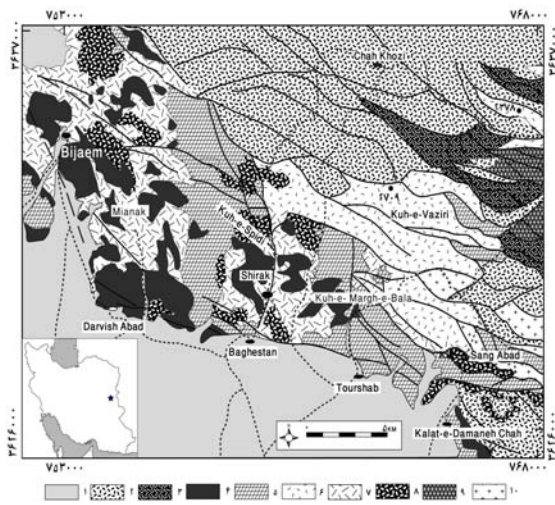
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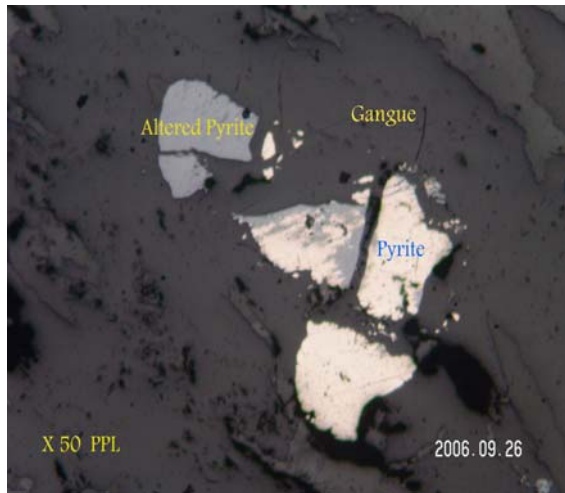
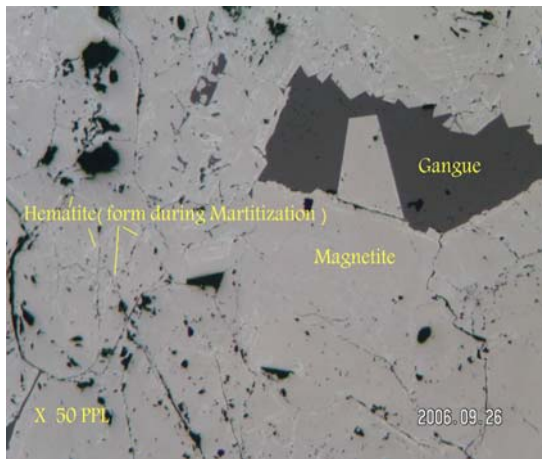
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PC3 (/ -/)

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Reflectance

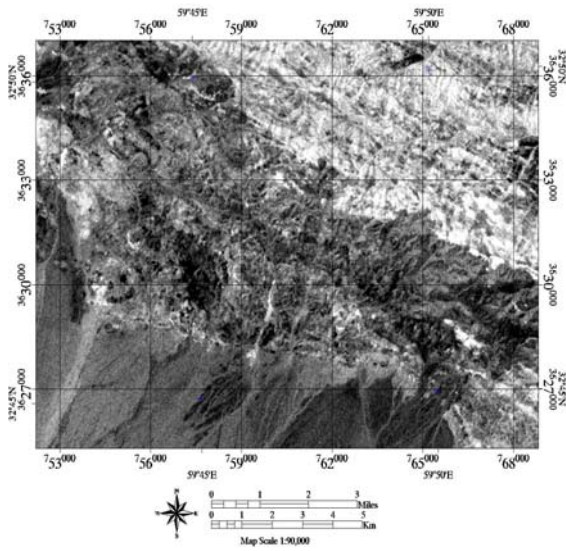
PC2 (/ -/)

(Pseudoreflectance)

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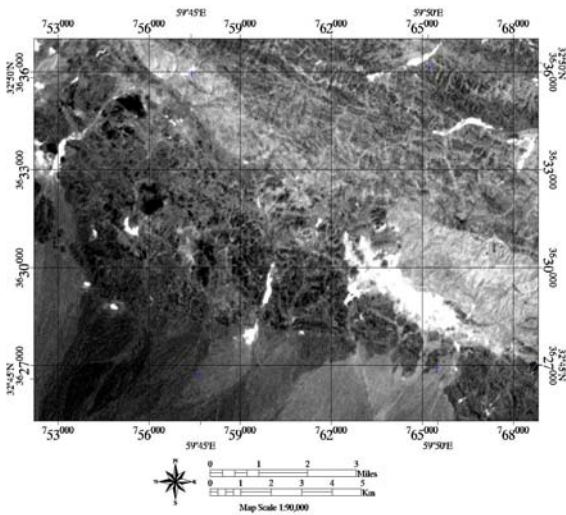
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شکل ۵: هیدروکسید ها (پیکسل های روشن).

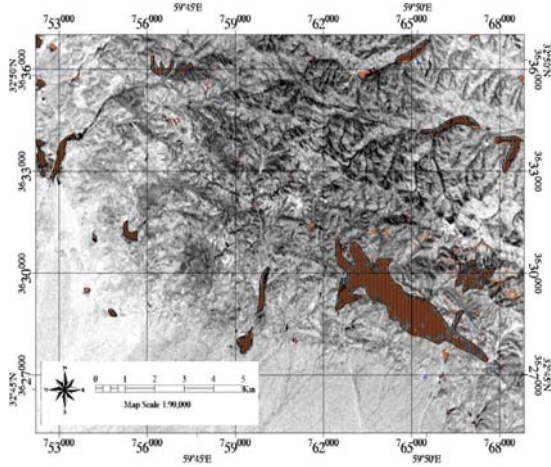
PCA :

PCA	Band 1	Band 2	Band 3	Band 4
1	0.010053	0.044571	-0.74892	0.661079
2	0.621661	0.775411	-0.03753	-0.10425
3	0.782485	-0.62115	0.010725	0.042129
4	-0.03396	-0.10452	-0.66151	-0.74184

PCA :

PCA	Band 1	Band 3	Band 4	Band 8
1	0.029449	-0.68737	0.602835	0.404045
2	-0.36726	-0.25254	0.296179	-0.84476
3	-0.91894	0.179512	0.014397	0.350884
4	0.140743	0.656906	0.740717	0.002129

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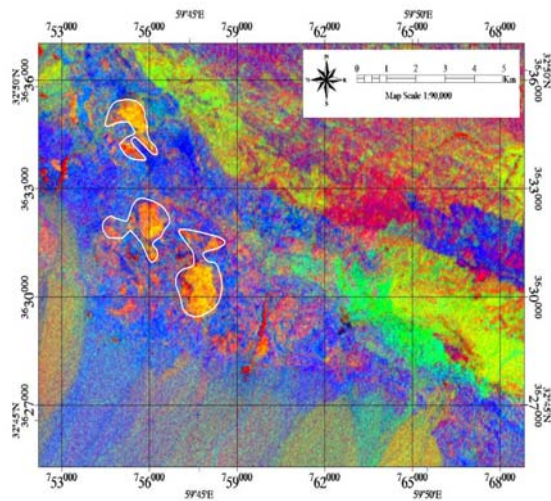
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LS-FIT

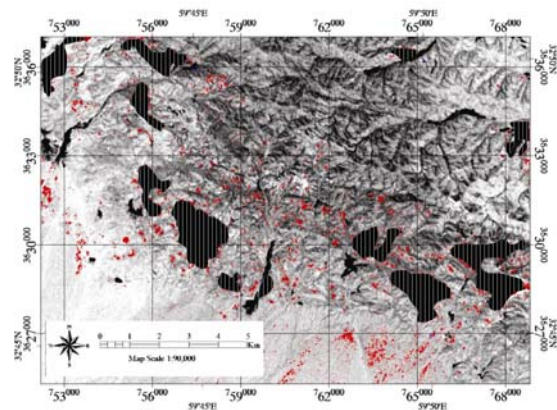
LS-FIT,PCA

$$\frac{(b3 - b2)}{(b3 + b2)}$$

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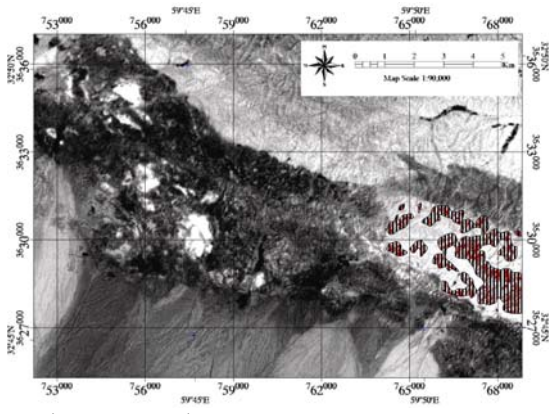
شکل ۶: بیکیسل های حاوی اکسید آهن با توجه به مقایسه سه روش LS-FIT,PCA و نسبت باندی.

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LS-FIT

Z-Profile

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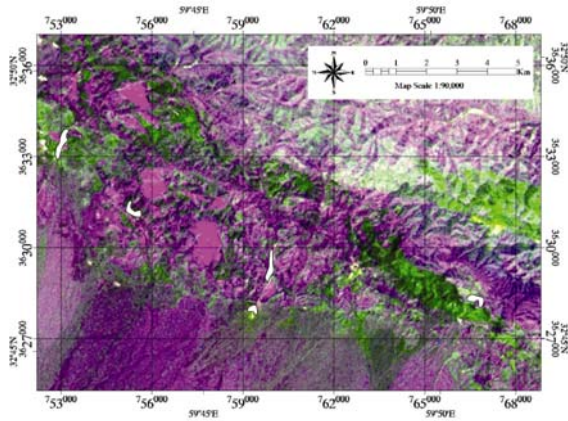


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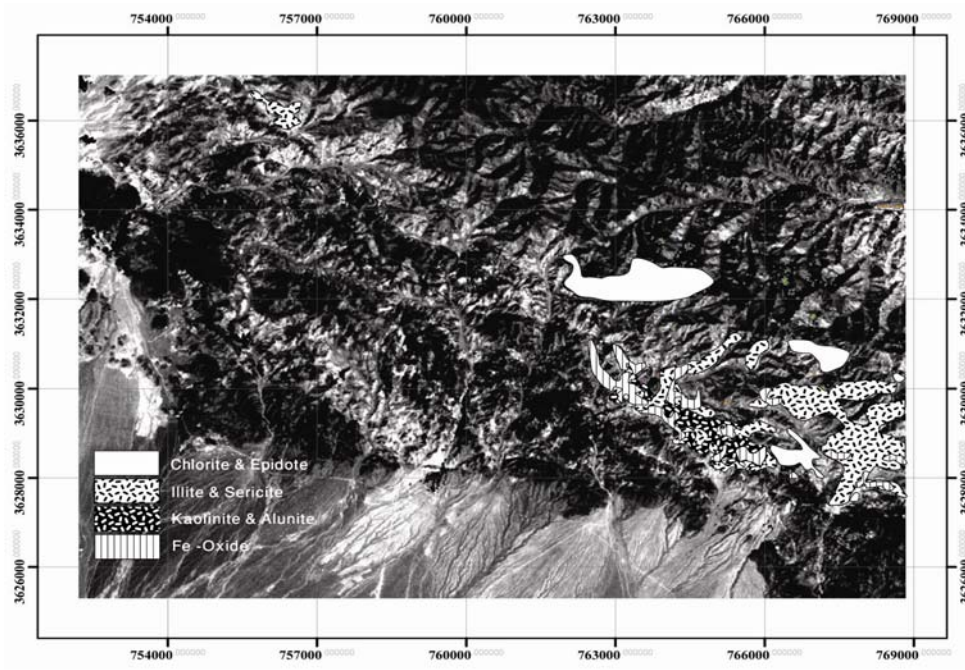
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Z-Profile

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واژه های انگلیسی به ترتیب استفاده در متن

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|-----------------------|--------------------|
| 1 - ASTER | 2 - Crosta |
| 3 - Matched Filtering | 4 - Remote sensing |
| 5 - Martitization | 6 -Thematic Mapper |
| 7 - Reflectance | 8 - Eigenvalue |
| 9 - Eigenvector | |