

BIBLIOGRAPHY

- Akhtar, K. and Aquil,M. 1984 "Depositional environment of the Himatnagar sandstone" (Lower Cretaceous) Gujarat. Petroleum Asia Journal, April 1984 pp 92-98.
- Allen, J.R.L. 1982 Petrology, origin and deposition of the highest Lower old Red Sandstone of shropshire, England : Jour. Sed. Petrology, V.32, pp. 657-697.
- 1965 Fining-upwards cycles in alluvial successions : Geological Jour. V.4 p 229-246.
- 1985 Upper Old Red Sandstone Paleogeographic in South Wales and the Welsh Borderland. Jour. Sed. Patrol. 35, pp. 167-196.
- 1970 Studies in fluviaile sedimentation A comparison of fining upwards cyclothsems, with special reference to coarse member composition and interpretation. Journal of Sedimentary petrology. Vol. 40 No.1 p 298-323. Figs. 1-18 March 1970.
- Allen, J.R.L. and Friend, P.F. 1988 Deposition of Catskill facies, Appalachian region : with notes on some other Old Red Sandstone basins Geol. Soc. Amer. Spec. Paper 106, pp. 21-74.
- Aslam, M. and Casshyap, S.M. 1985 Sedimentary evolution of Mesozoic Gondwana rocks of Saurashtra and Shoreline reconstruction. Abstracts V-Convention of Indian Association of Sedimentologist pp 2-22, Hyderabad, India.
- Beerbower, J.R. 1965 Cyclothsems and Cyclic depositional mechanisms in alluvial plain sediments Bull. Kansas State Geol. Surv. 1969. pt-1 pp 31-42.
- Bhandari, L.L. and Sureshkumar 1970 "Paleocurrent analysis of Dhran-gadhra Formation, Gujarat, India" Bulletin of the O.N.G.C. Vol. No.2 pp

- Biswas, S.K. 1982 Rift basins in western margin of India and their hydrocarbon prospects with special reference to kutch Basin. Bull.A.A. P.G. V.86 No.10 pp 1497-1513.
- 1987 Regional tectonic framework, structure and evolution of the western marginal basins of India Tectonophysics 135 (1987) pp 307-327.
- Biswas, S.K.
Deshpande, S.V. 1983 Geology and hydrocarbon prospects of Kutch, Saurashtra and Narmada basins. Petroleum Asia Journal Nov. (1983) pp 117-126.
- Blatt, H. and
Christie, J.M. 1963 "Undulatory extinction in quartz of igneous and metamorphic rocks and its significance in provenance studies of sedimentary rocks" : Jour. sed. petrology V.33 pp 559-579.
- Blatt, Harvey, 1982 Sedimentary petrology W.H.Freeman & company - Sanfrancisco pp 152-156.
- Blatt, Harvey,
Middleton, G
and Murray, R. 1972 "Origin of sedimentary rocks" prentice Hall Inc. Engelwood cliff, New Jersey U.S.A. 634 pp.
- Bokman, J. 1952 Clastic quartz particles as indices of provenance : Jour.Sed.Petrology. V.22, pp 17-24.
- Boles, J.R. 1981 Clay diagenesis and effect on sandstone cementation (case histories from the Gulf Coast Tertiary) In F.S. Longstaffe (Ed.) Clay and Resource Geologist mineralogist Assoc. Canada Toronto pp 148-168
- Boles, J.R. and
Frank, S.G. 1979 Clay diagenesis in Wilcox sandstones of Southwest Texas : Implication of smectite diagenesis on sandstone cementation. Jour.sed. Petrol. V-49 pp 55-70.
- Busch, D.A. 1974 Stratigraphic Traps in Sandstones Exploration Techniques. Memoir 21 A.A.P.G. 174 p.

Chandra, P.K. & Choudhary, L.R.	1969	Stratigraphy of Cambay Basin. <u>Bull. O.N.G.C.</u> Vol. 6 No. 2 pp 37-50.
Chorley, R.J.	1957	Illustrating the laws of Morphology <u>Geol. mag.</u> 94, 2 pp 140-150.
Dapples, E.C.	1958	The behaviour of silica in diagenesis pp 38-54 in Ireland H.A. (ed) <u>Silica in Sediment</u> , special publication No. 7 SEPM Tulsa, Oklahama 185.
-----	1962	Stages of diagenesis in the development of sandstones <u>Bull. Soc. Am.</u> 73 : pp 913-934.
-----	1967	Diagenesis of sandstones pp 81-125 in : Larsen, G. and Chillinger, C.V. Eds. <u>Diagenesis in sediments</u> , Elsevier publishing company, Amsterdam London, N.Y. 551 p.
-----	1972	Some concepts of cementation and lithification of sandstone : <u>A.A.P.G. Bull.</u> V.58 p 3-25.
Das, B and Patel, N.P.	1984	"Nature of Narmada-Son lineaments" <u>J. Geol. Soc. India.</u> 25(5) : pp 267-276.
Desai, S.J. Patel, M.P. & Desai, A.G.	1985	Geology of area around Himatnagar Northern Gujarat. Abstracts - V <u>Convention, Ind. Ass. of Sedimento-logist</u> Hyderabad, India, p. 57.
Desai, A.G., Desai, S.J. & Patel, M.P.	1986	Sedimentation and tectonic history of Himatnagar sandstones of North Gujarat <u>Abstracts - VI Conv. Ind. Ass. Seds.</u> Dehradun Indian p.
Desikachar, S.V.	1971	Occurrence of Mesozoics in sub crop in Cambay Basin, India. <u>Bull. O.N.G.C.</u> V.8 No.2 pp 95-97.
Dickinson, W.R.	1970	Interpreting detrital modes of graywacke and Arkose <u>Jour. of Sed. Pet.</u> Vol. 40 No. 2 pp 695-707.
Friedman, G.M.	1958	Determination of Sieve size distribution from thin section data for sedimentary petrological studies : <u>Jour. Geology.</u> V.66, p 394-416.

- 1961 Distinction between dune, beach and river sands from the textural characteristics. Jour. sed. pet. V.31 p. 514-529.
- 1967 Dynamic processes and statistical parameters compared for size frequently distribution of beach and river sands. Jour. of Sed. Pet. Vol. 37. No.2 pp 327-354.
- Friedman, G.M. and Sander, J.E. 1978 "Principles of Sedimentology" John Wiley and Sons. New York
- Fuller, A.O. 1961 Size characteristics of shallow marine sands from cape of Good hope, south Africa : Jour. Sed. Pet. V.31, p. 258-61.
- Folk, R.L. 1968 Petrology of Sedimentary rocks Hemphill's, Drawer M. University station. Austin Texas. 170 pp.
- Folk, R.L. and Ward, W.C. 1957 Brazos river bar : a study in the significance of grain size parameters. Jour. sed. pet. V.27, p.3-26
- Foote, R.B. 1898 Geology of Baroda (ed) by C.P.Shah 2nd Ed. 1938.
- Ghevaria, Z.G. 1982 Abstracts-Indian Geological Congress Varansi.
- Gibbs, R.J. 1967 The Geochemistry of the Amazon river system pt. 1. The factors that control the salinity and the composition and concentration of the suspended soils : Geol. Soc. America Bull. V. 78 p 1203-1232.
- Grabau, A.W. 1913 Principles of Stratigraphy : N.Y. Seiller 1185 pp.
- Gupta, B.C. & Mukherjee, P.N. 1938 Geology of Gujarat and Southern Rajputana Rec. G.S.I. Vol. 73, pt. 1 pp 163-207.
- Hardas, M.G. 1980 Textural parameters and depositional processes of the sub-surface Serau Formation Cambay Basin Jour. Palaeontol. Soc. India. 25 : pp 106-109.

- Hayes, J.B. 1980 Sandstone diagenesis the whole truth. SEPM Spec. publi No. 26 pp 127-139.
- Heald, M.T. 1955 Stylolites in Sandstones. J.Geol., 63 : 101-104.
- Heald, M.T. 1959. Cementation of Simpson and St.Peter sandstones in parts of Oklahoma, Arkansas and Missouri. J.Geol., 64: 16-30.
- Heron, A.M. 1917 Geology of NE Rajputana and adjacent Districts Mem. G.S.I. XLV pt. 1 pp 1-128.
- Heron, A.M. and Ghosh, P.K. 1938 The Geology of Palanpur, Danta and Idar State. Rec. G.S.I. Vol. 72, pt. 4 pp 367-412.
- Hoque, M. 1976 Significance of textural and petro-graphic attributes of several Cretaceous sandstones of Southern Nigeria. Jour. of Geol. Soc. of India. Vol. 17 No. 4 pp 574-521.
- Horton, R.E. 1932 Drainage Basin characteristics. Trans. Amer. Geophys. pp 350-361.
- 1945 Erosional Development of streams and their Drainage Basins : Hydro-physical Approach to quantitative morphology. Bull. Geol. Soc. AM. 56 pp. 275-370.
- Iman, Md. B. 1989 Comparison of burial diagenesis in some deltaic to shallow marine reservoir sandstones from different basins. Jour. of Geol. Soc. of India. Vol. 33 June 1989 pp 524-537.
- Inman, D.L. 1949 Sorting of sediment in light of fluvial mechanics. Jour. sed. pet. V.19, p. 51-70.
- Iyer, Sambasiva V.S. 1910 A Sketch of the mineral resources of the Baroda state pp 8,9,86 & 108.
- Katz, M.B. 1979 India and Madagascar in Gondwana-land based on matching Precambrian lineament. Nature 279 : 312-315.

Klein, G. Dev.	1975	<u>Sandstone depositional models for exploration for fossil fuels :</u> short course syllabus : Campaign ill., Continuing Education publishing Co. 109 p.
Krishnan, M.S.	1953	<u>Structural and Tectonic history of India Mem. G.S.I. Vol. 81</u> 1953.
-----	1968	<u>Geology of India and Burma</u> Higginbothams Madras 2nd Ed. 1968.
Krumbain, W.C. & Sloss, L.L.	1951	<u>Stratigraphy and sedimentation,</u> Freeman and Co., San Francisco California - 497 p.
Land, L.S. and Dutton, S.P.	1978	Cementation of Pennsylvanian deltaic sandstone : Isotropic data <u>Jour. sed. petrol.</u> V. 48, pp 1167-1178.
Larsen, G. and Chillinger, G.V.	1987	<u>Editor in "Diagenesis in Sediments"</u> Development in sedimentology-8, Elsevier publishing company, Amsterdam, London N.Y. 1987.
Mackie, W.	1899	The felspars present in sedimentary rocks as indications of the conditions of contemporaneous climate. <u>Trans. Edinburgh Geol-Soc.</u> V.7. pp 443-468.
Malkan, V.G.Desai S.R., Bodiwala, K.K. & Chavda, P.M.	1977	<u>Physico-chemical properties of some Sabarkantha clays of Gujarat Mineral Wealth</u> Vol. XIII-2 1977 pp 25-28.
Malpathak, G.T.	1979	Geology of the Ambanata area in North Gujarat. <u>A Ph.D. Thesis.</u> M.S. University of Baroda.
Mathur, L.P., Rao, K.L.N. and Chabe, A.N.	1968	Tectonic framework of Cambay Basin-India <u>Bull. O.N.G.C.</u> Vol. 5 No. 1 pp 7-28.
Middlemiss, C.S.	1921	Geology of Idar State <u>Mem. G.S.I.</u> Vol. XLIV Pt. 1 pp.
Milner, H.B.	1962	<u>Sedimentary petrography</u> , Ind. Ed. N.Y. Macmillan Co., V.1., 843 p. V.2 715 p.

Moorhouse, W.W.	1964	<u>The study of rocks in thin section.</u> A Harper international student reprint.
Mukherjee, M.K.	1983	Petroleum prospects of Cretaceous Sediments of Cambay Basin, Gujarat, India <u>Jou. of Pet. Geol.</u> S/3 pp 275-280.
Pascoe, E.H.	1949	<u>A manual of the Geology of India and Burma</u> Vol. I pp 47 & 994-995.
Patel, P.P.	1972	A detailed study of the rocks of Bhatana and Kapasia area of Sirohi - Palanpur (N.Gujarat-Rajasthan) with special reference to their structural and metamorphic history and igneous activities. <u>A Ph.D Thesis</u> , M.S. University of Baroda.
Pettijohn, F.J.	1964	<u>Atlas and Glossary of primary sedimentary structures</u> : N.Y. Springer 370 pp.
-----	1984	<u>Sedimentary rocks</u> C.B.S publishers and distributory - Delhi.
Pettijohn, F.J. Potter, P.E. and Siever, R.	1973	<u>Sand and Sandstones</u> Springer - Verlag, New York, Heidelberg, Berlin. 818 pp.
Potter, P.E. and Pettijohn, F.J.	1983	<u>Paleo currents and basin analysis</u> N.Y. Springer, 296 pp.
Raiverman, V.	1975	Facies transition amng Nimir, Bagh and Lameta beds. <u>Recent researches in geology</u> Hindustan publishing corporation pp 123-139.
Raju, A.T.R.	1968	Geological evolution of Assam and Cambay Tertiary Basins of India. <u>Bull. A.A.P.G.</u> VOL. 52 No. 12 pp 2422-2437.
Raju, A.T.R. and Srinivasan, S.	1983	More hydrocarbon from well explored Cambay Basin <u>Petroleum Aisa Journal</u> Nov. 1983, pp 25-35.
Rajyagor, S.B.	1974	<u>Gujarat state Gazelleers. Sabarkantha district.</u> Gujarat state publication dept. Ahmedabad 1974.

- Rawal, P.R. 1972 Geological studies in Idar and its neighbourhood with special reference to structure metamorphism and igneous activity of the area. A Ph.D Thesis, M.S.University of Baroda.
- Reineck, H.E. 1979 Depositional Sedimentary Environments Springer Verlag, Berline, Heidelberg, N.Y. 439 pp.
- Sahni, B 1936 On the occurrence of Matonidium & Weighselia in India. Rec. G.S.I. Vol. 71 pt. 2 pp.
- Schumm, S.A. 1958 Evolution of Drainage systems and slopes in Badlands at Perth Amboy, New Jersey, Bull. Ged. Soc. Am. 67, pp. 597-646.
- Selley, R.C. 1970 Ancient Sedimentary environments : London, Chapman and Hall Ltd. 237p.
- 1982 A introduction to sedimentology Academic press inc. (London) Ltd.
- Siever, R 1957 The Silica budget in the sedimentary cycle. Am. Mineralogist, 42: 821-841.
- Shrivastava, P.K. 1973 Stratigraphy of Mesozoic sediments of Saurashtra Bull. O.N.G.C. Vol.10 No. 1 & 2 pp 127-130.
- Strahler, A.N. 1953 Revision of Horton's Quantitative Factors in Erosional Terrains paper read before Hydrology section of the Am. Geophys. Un. Washington.
- 1957 Quantitative Analysis of watershed Geomorphology. Trans. Am. Geophys. Un. 38, 913.
- 1968 Quantitative Geomorphology in Fairbridge, R.W. Ed (1968) The Encyclopedia of Geomorphology, Reinhold Book Corporation, New York.
- Strakhov, N.M. 1962 Principles of lithogenesis, viz., compositional and distributional regularities of arid sediments Moscow Akademii Nauk S.S.R. Geol. Inst. 550 p.

- Subramanyam, V. 1974 A quantitative analysis of two drainage basins around Sagar, M.P., Proc. Ind. Nat. Sci. Aca. Vol. 40 A.No. 1 pp. 76-99.
- 1987 Techniques of Geomorphic analysis and applications - Seventh short course - a compilation IIT Bombay.
- Sundborg, A.K.E. 1956 The river Klaralven - a study of fluvial processes : Geogr. Ann., V. 38 pp. 127-316.
- Taylor, Jane 1950 Pore-space reduction in sandstones, Bull. A.A.P.G. vol. 34, pp 399-414.
- Thornbury, W.D. 1969 Principles of Geomorphology JOHN Wiley & Sons U.S.A.
- Turnbull, W.J. Krinitsky, E.S., & Johnson L.J. 1950 Sedimentary Geology of the Alluvial valley of the Mississippi River and its bearing and foundation problems In : applied sedimentation. (Ed.P.D. Trask) Wiley, N.Y. pp. 210-226.
- Twenhofel, W.H. 1939 Principles of Sedimentation. McGraw Hill New York.
- Van Houten, F.B. 1968 Iron oxides in red beds : Geol. Soc. America Bull. V 79 p 399-416.
- Venkatchala, B.S. and Rawat, M.S. 1970 A reappraisal of palyflora from Dhrandhra Formation, Saurashtra, Gujarat State. Bull. O.N.G.C. Vol. 7 (2) pp 121-123.
- Verma, C.P. and Rawat, M.S. 1984 Note on the age of Dhrangadhra formation (Saurashtra) W.India in the light of pollen and spores recovered. Pollen et Spores Vol. 6 No. 1.
- Visher, G.S. 1985 Use of vertical profile in environmental reconstruction. Bull. A.A. P.G. V. 49 No.1, pp 41-81.
- Visher, G.S. 1985 Fluvial processes as interpreted from ancient and recent fluvial deposits p - 116-132 Econ. Paleontologists and mineralogists. Spec. pub. No. 12, 265 p.

-
- 1969 Grain size distribution and depositional processes Jour. of sed. pet.
Vol. 39 No. 3 pp 1074-1106.
- Waldschmidt, W.A. 1941 Cementing materials in sandstones
and their influence on the
migration of oil. Bull. A.A.P.G.
Vol. 25, pp 1839-1879.
- Walker, R.G. 1967 Turbidite sedimentary structures
and their relationship to proximal
and distal depositional environments. Jour. Sed. Petrol., 37,
pp 25-43.
- West, W.D. 1962 The line of the Narmada and Son
Valleys, Current Sci., 31 (4) :
143-144.
- William, H.,
Turner, F.J. and
Gilbert, C.M. 1985 Petrography - An introduction to
the study of rocks in thin section
CBS publishers and distributors,
Delhi.
- Wolman, M.G.
and Leopold, L.B. 1957 River flood plains : Some observa-
tions on their formation : U.S. Geol
Survey Prof. paper 282-c pp 87-107.