								FOR DEAL	ER USE ONLY	
			RISK RATIN	IGS CHANGES	S - EFFECTIVE JU	INE 28, 2019				
COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	3748	4223	7196	4231		С	Medium	Low to Medium
1FC	1	В	4454 **					С	Medium	Low to Medium
1FC	1	D	4672					С	Medium	Low to Medium
1FC]	F	3749					С	Medium	Low to Medium
1FC	1	F8	5766					С	Medium	Low to Medium
IFC	1	FB	4970					С	Medium	Low to Medium
IFC		I	3750 **					С	Medium	Low to Medium
IFC		J	3751 **					С	Medium	Low to Medium
IFC	Mackenzie Canadian All Cap Value Class	LB	4410					С	Medium	Low to Medium
FC		LF	5846					С	Medium	Low to Medium
FC		LW	4493					С	Medium	Low to Medium
FC		0	3752 **					С	Medium	Low to Medium
FC		PW	6128					С	Medium	Low to Medium
IFC		PWFB	6815					С	Medium	Low to Medium
FC		PWT8	6680					С	Medium	Low to Medium
FC		PWX	6054 **					С	Medium	Low to Medium
FC		T8	4377	4512	7197	4513		С	Medium	Low to Medium
FC		А	2946	3666	7184	4129		С	Medium	Low to Medium
FC		В	4154					С	Medium	Low to Medium
FC		D	4666					С	Medium	Low to Medium
FC		F	4153					С	Medium	Low to Medium
FC		FB	4962					С	Medium	Low to Medium
FC	Mackenzie Canadian All Cap Value Fund	I	2031					С	Medium	Low to Medium
FC	Mackenzie Canadian Ali Cap Value Fund	0	2032					С	Medium	Low to Medium
FC		PW	6127					С	Medium	Low to Medium
FC		PWFB	6816					С	Medium	Low to Medium
FC		PWX	6053					С	Medium	Low to Medium
FC		SI	4151					С	Medium	Low to Medium
FC		UM	<mark>5254</mark>					С	Medium	Low to Medium
FC		Α	5138	5139	7259	5140		С	Medium	Low to Medium
FC		D	5141					С	Medium	Low to Medium
FC		F	5142					С	Medium	Low to Medium
FC		F5	5769					С	Medium	Low to Medium
FC		F8	5933					С	Medium	Low to Medium
FC		FB	5143					С	Medium	Low to Medium
FC		FB5	5935					С	Medium	Low to Medium
FC		LB	5391					С	Medium	Low to Medium
FC	Mackenzie Canadian Growth Class	LF	5858					С	Medium	Low to Medium
FC	_	LW	5392					С	Medium	Low to Medium
IFC	_	PW	6659					С	Medium	Low to Medium
IFC	_	PWFB	6820					C	Medium	Low to Medium
IFC	_	PWFB5	5936					С	Medium	Low to Medium
IFC		PWT5	5584					С	Medium	Low to Medium
FC		PWT8	5934					С	Medium	Low to Medium
FC		T5	5581	5582	7286	5583		С	Medium	Low to Medium
/IFC		T8	5930	5931	7303	5932		С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	650	640	7028	3198	1645	С	Medium	Low to Medium
MFC		Α	<mark>711</mark>	811		<mark>4281</mark>		U	Medium	Low to Medium
MFC		В	5210	5211				С	Medium	Low to Medium
MFC		C	5594 **	5595 **	7288 **	5596 **		C	Medium	Low to Medium
MFC		C5	5591 4640	5592	7287	5593		C	Medium	Low to Medium
MFC MFC		DZ	4619 5597					C	Medium Medium	Low to Medium
MFC		DZ F	91					C	Medium	Low to Medium Low to Medium
MFC		F5	5770					C	Medium	Low to Medium
MFC		F8	5640					C	Medium	Low to Medium
MFC		FB	4888					C	Medium	Low to Medium
MFC		FB5	5656					С	Medium	Low to Medium
MFC		G	2235					С	Medium	Low to Medium
MFC		G-DAO	2155					С	Medium	Low to Medium
MFC		GG-DAO	<mark>5619</mark>					С	Medium	Low to Medium
MFC		GG	<mark>5620</mark>					С	Medium	Low to Medium
MFC		GV	5621					С	Medium	Low to Medium
MFC	Mackenzie Canadian Growth Fund	1	229					C	Medium	Low to Medium
MFC		IG	5252					C	Medium	Low to Medium
MFC		J	2743 **					C	Medium	Low to Medium
MFC MFC		LB	5632 5859					C	Medium Medium	Low to Medium Low to Medium
MFC		LW	5633					C	Medium	Low to Medium
MFC		M	5212					C	Medium	Low to Medium
MFC		0	1415					C	Medium	Low to Medium
MFC		PW	6155					C	Medium	Low to Medium
MFC		PW	6683					U	Medium	Low to Medium
MFC		PWFB	6821					С	Medium	Low to Medium
MFC		PWFB5	5662					С	Medium	Low to Medium
MFC		PWT5	5580					С	Medium	Low to Medium
MFC		PWT8	5672					С	Medium	Low to Medium
MFC		PWX	6081					С	Medium	Low to Medium
MFC		PWX8	5686					C	Medium	Low to Medium
MFC		T5	5577	5578	7285	5579		C	Medium	Low to Medium
MFC		T8	5712	5713	7293	5714	4000	C	Medium	Low to Medium
MFC MFC		A	1598 1405 **	1854	7118	2182	<mark>1929</mark>	C	Medium Medium	Low to Medium
MFC		D	4650					C	Medium	Low to Medium Low to Medium
MFC		F	2006					C	Medium	Low to Medium
MFC		F5	5771					C	Medium	Low to Medium
MFC		F8	5772					C	Medium	Low to Medium
MFC		FB	4927					С	Medium	Low to Medium
MFC		FB5	5917					С	Medium	Low to Medium
MFC		GJ	5 908					С	Medium	Low to Medium
MFC		GO	5914					С	Medium	Low to Medium
MFC		GO5	5915					С	Medium	Low to Medium
MFC		I	1933 **					С	Medium	Low to Medium
MFC		J	3804 **					С	Medium	Low to Medium
MFC	Madagada Osaa III II O DIII IO	LB	5901					С	Medium	Low to Medium
MFC	Mackenzie Canadian Large Cap Dividend Class	LF	5823					C	Medium	Low to Medium
MFC		LF5	5864					0	Medium	Low to Medium
MFC		LW LW5	5903 5902					C	Medium Medium	Low to Medium
MFC MFC		I Y	5902		 	 		C	Medium Medium	Low to Medium Low to Medium
MFC		0	3014 **					C	Medium	Low to Medium
MFC		PW	6117					C	Medium	Low to Medium
MFC		PWFB	6824					C	Medium	Low to Medium
MFC		PWFB5	5928					C	Medium	Low to Medium
MFC		PWT5	6686					С	Medium	Low to Medium
MFC		PWT8	6293					С	Medium	Low to Medium
MFC		PWX	6043 **					С	Medium	Low to Medium
MFC		PWX8	5909					С	Medium	Low to Medium
MFC		T5	2641	3573	7119	4030		С	Medium	Low to Medium
MFC		T8	2642	3574	7120	4031		С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	1531	1631	7097	3196	1829	С	Medium	Low to Medium
MFC		В	5906					С	Medium	Low to Medium
MFC		D	4642					С	Medium	Low to Medium
MFC		F	1551					С	Medium	Low to Medium
MFC		F5	5773					С	Medium	Low to Medium
MFC		F8	2410					С	Medium	Low to Medium
MFC		FB	4917					С	Medium	Low to Medium
MFC		FB5	4918					С	Medium	Low to Medium
MFC		G	2232					С	Medium	Low to Medium
MFC		G-DAO	2149					С	Medium	Low to Medium
MFC		GJ	5905					С	Medium	Low to Medium
MFC		GO	5912					С	Medium	Low to Medium
MFC		GO5	5913					С	Medium	Low to Medium
MFC	Mackenzie Canadian Large Cap Dividend Fund	I	1556 **					С	Medium	Low to Medium
MFC	- mackenize canadam zargo cap zimacha rama	IG	5815					С	Medium	Low to Medium
MFC		0	1561					С	Medium	Low to Medium
MFC		O5	3945					С	Medium	Low to Medium
MFC		PW	6116					С	Medium	Low to Medium
MFC		PWFB	6825					С	Medium	Low to Medium
MFC		PWFB5	6826					С	Medium	Low to Medium
MFC		PWT5	6688					С	Medium	Low to Medium
MFC		PWT8	6689					С	Medium	Low to Medium
MFC		PWX	6042					С	Medium	Low to Medium
MFC		Q		1101				С	Medium	Low to Medium
MFC		SI	5907					С	Medium	Low to Medium
MFC		T5	2452	3468	7098	3469		С	Medium	Low to Medium
MFC		Т8	2292	3315	7099	3317		С	Medium	Low to Medium
MFC		UM	5399					С	Medium	Low to Medium
MFC		Α	3743	4222	7195	4230		С	Medium to High	Medium
MFC		D	4671					С	Medium to High	Medium
MFC		F	3744					С	Medium to High	Medium
MFC		FB	4969					С	Medium to High	Medium
MFC		J	3746 **					С	Medium to High	Medium
MFC	Mackenzie Canadian Small Cap Class	LB	4409					С	Medium to High	Medium
MFC	· · · · · · · · · · · · · · · · · · ·	LF	5845					С	Medium to High	Medium
MFC		LW	4492					С	Medium to High	Medium
MFC		0	3747 **					С	Medium to High	Medium
MFC		PW	6126					С	Medium to High	Medium
MFC		PWFB	6831					С	Medium to High	Medium
MFC		PWX	6052 **					С	Medium to High	Medium
MFC	-	A	2947	3667	7185	4130		С	Medium to High	Medium
MFC	-	В	4158					С	Medium to High	Medium
MFC	-	ט	4667					C	Medium to High	Medium
MFC	-	F	2040					C	Medium to High	Medium
MFC		FB	4963					С	Medium to High	Medium
MFC	Mackenzie Canadian Small Cap Fund		2041 **					C	Medium to High	Medium
MFC	·	J	3814 **					C	Medium to High	Medium
MFC	-	0	2042					С	Medium to High	Medium
MFC	-	PW	6125					С	Medium to High	Medium
MFC		PWFB	6832					С	Medium to High	Medium
MFC		PWX	6051					C	Medium to High	Medium
MFC		SI	4155					C	Medium to High	Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	1588	1845	7112	3172	1919	С	Medium to High	Medium
MFC		D	4648					С	Medium to High	Medium
MFC		F	1917					С	Medium to High	Medium
MFC		F5	5530					С	Medium to High	Medium
MFC		F8	2598					С	Medium to High	Medium
MFC		FB	4924					С	Medium to High	Medium
MFC		FB5	4925					С	Medium to High	Medium
MFC		I	1916 **					С	Medium to High	Medium
MFC	Mackenzie Cundill US Class	J	3772 **					С	Medium to High	Medium
MFC	iwackenzie Cundiii OS Class	0	1918					С	Medium to High	Medium
MFC		PW	6092					С	Medium to High	Medium
MFC		PWFB	6841					С	Medium to High	Medium
MFC		PWFB5	6842					С	Medium to High	Medium
MFC		PWT5	6697					С	Medium to High	Medium
MFC		PWT8	6281					С	Medium to High	Medium
MFC		PWX	6018					С	Medium to High	Medium
MFC		T5	2596	3543	7113	4000		С	Medium to High	Medium
MFC		Т8	2597	3544	7114	4001		С	Medium to High	Medium
MFC		А	1035	1185	7085	2186	1705	С	Medium to High	Medium
MFC		A	1296	1386		3303		U	Medium to High	Medium
MFC		D	4637					С	Medium to High	Medium
MFC		D	4694					U	Medium to High	Medium
MFC		F	1345					C	Medium to High	Medium
MFC		F	2556					U	Medium to High	Medium
MFC		FB	4912					C	Medium to High	Medium
MFC		1	1245 **					C	Medium to High	Medium
MFC	Mackenzie Emerging Markets Class	J	3838 **					C	Medium to High	Medium
MFC		M	1398					C	Medium to High	Medium
MFC		0	1491 **					C	Medium to High	Medium
MFC		OJ	5574					C	Medium to High	Medium
MFC		PW	6157					C	Medium to High	Medium
MFC		PW	6442					U	Medium to High	Medium
MFC		PWFB	6849					C	Medium to High	Medium
MFC		PWX	6083 **					C	Medium to High	Medium
MFC		11	2964					C	Medium to High	Medium
MFC		A	5501	5502	7283	5503		C	Medium to High	Medium
MFC		D.	5504		1200			C	Medium to High	Medium
MFC		F	5505					C	Medium to High	Medium
MFC		FB	5506					C	Medium to High	Medium
MFC	Mackenzie Emerging Markets Fund		5507					C	Medium to High	Medium
MFC		PW	5508	- 				C	Medium to High	Medium
MFC		PWFB	5511					C	Medium to High	Medium
MFC			5509					C		
IVIFU		PWX	เออบซ					C	Medium to High	Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	2710	3621	7143	4086		С	Medium	Low to Medium
MFC		Α	2711	3622	7144	4087		U	Medium	Low to Medium
MFC		D	4658					С	Medium	Low to Medium
MFC]	D	4703					U	Medium	Low to Medium
MFC		F	2422					С	Medium	Low to Medium
MFC		F	2428					U	Medium	Low to Medium
MFC		F8	2425					С	Medium	Low to Medium
MFC		FB	4939					С	Medium	Low to Medium
MFC		FB5	4940					С	Medium	Low to Medium
MFC]	I	2423					С	Medium	Low to Medium
MFC		J	3842 **					С	Medium	Low to Medium
MFC		LB	4466					С	Medium	Low to Medium
MFC]	LF	5828					С	Medium	Low to Medium
MFC		LW	4483					С	Medium	Low to Medium
MFC		0	2424					С	Medium	Low to Medium
MFC]	O5	3958					С	Medium	Low to Medium
MFC	Mackenzie Global Dividend Fund	PW	6010					С	Medium	Low to Medium
MFC		PW	6711					U	Medium	Low to Medium
MFC		PWFB	6854					С	Medium	Low to Medium
MFC		PWFB5	6855					С	Medium	Low to Medium
MFC		PWT5	6713					С	Medium	Low to Medium
MFC	1	PWT5	6714					U	Medium	Low to Medium
MFC		PWT6	6715 **					С	Medium	Low to Medium
MFC		PWT8	6319					С	Medium	Low to Medium
MFC	1	PWX	6009					C	Medium	Low to Medium
MFC		PWX8	6278					C	Medium	Low to Medium
MFC		T5	2421	3426	7145	3427		C	Medium	Low to Medium
MFC		T5	2427	3430	7146	3431		U	Medium	Low to Medium
MFC		T6	2458 **	3480 **	7147 **	3481 **		C	Medium	Low to Medium
MFC	1	T8	2426	3428	7148	3429		C	Medium	Low to Medium
MFC	1	U	2954					C	Medium	Low to Medium
MFC	1	U5	2955					C	Medium	Low to Medium
MFC	1	UM	5400					C	Medium	Low to Medium
MFC		A	5782	5783	7300	5784		C	Medium	Low to Medium
MFC		D	5785					C	Medium	Low to Medium
MFC	1	F	5786					C	Medium	Low to Medium
MFC	1	F5	5787					C	Medium	Low to Medium
MFC		F8	5788					C	Medium	Low to Medium
MFC	1	FB	5789					C	Medium	Low to Medium
MFC	1	FB5	5790					C	Medium	Low to Medium
MFC	-	0	5791					C	Medium	Low to Medium
MFC	Mackenzie Global Environmental Equity Fund	PW	5792					C	Medium	Low to Medium
MFC		PWFB	5795					C	Medium	Low to Medium
MFC	1	PWFB5	5796					C	Medium	Low to Medium
MFC	1	PWT5	5793					C	Medium	Low to Medium
MFC	1	PWT8	5794					C	Medium	Low to Medium
MFC	1	PWX	5797					C	Medium	Low to Medium
MFC	1	PWX8	5798					C	Medium	Low to Medium
MFC	1	T5	5799	5800	7301	5801		C	Medium	Low to Medium
MFC	1	T8	5802	5803	7302	5804		C	Medium	Low to Medium
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COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	734	834	7041	3184	1672	С	Medium	Low to Medium
MFC		A	735	835				U	Medium	Low to Medium
MFC		D	4624					С	Medium	Low to Medium
MFC		F	99					С	Medium	Low to Medium
MFC		F	2552					U	Medium	Low to Medium
MFC		F5	5636					С	Medium	Low to Medium
MFC		F8	5642					С	Medium	Low to Medium
MFC		FB	4893					С	Medium	Low to Medium
MFC		FB5	5659					С	Medium	Low to Medium
MFC		I	237					С	Medium	Low to Medium
MFC		0	794					С	Medium	Low to Medium
MFC	Mackenzie Global Equity Fund	PW	6119					С	Medium	Low to Medium
MFC		PW	6709					U	Medium	Low to Medium
MFC		PWFB	6853					С	Medium	Low to Medium
MFC		PWFB5	5665					С	Medium	Low to Medium
MFC		PWT5	5670					С	Medium	Low to Medium
MFC		PWT6	6796 **					С	Medium	Low to Medium
MFC		PWT8	6700					С	Medium	Low to Medium
MFC		PWX	6045					С	Medium	Low to Medium
MFC		PWX8	5691					С	Medium	Low to Medium
MFC		T5	5706	5707	7291	5708		С	Medium	Low to Medium
MFC		Т6	5214	5215	7272	5216		С	Medium	Low to Medium
MFC		Т8	5718	5719	7295	5720		С	Medium	Low to Medium
MFC		А	1055	1115	7091	2191	2085	С	Medium	Low to Medium
MFC		A	2138	3516				U	Medium	Low to Medium
MFC		D	4640					С	Medium	Low to Medium
MFC		F	1315					С	Medium	Low to Medium
MFC		F5	5635					С	Medium	Low to Medium
MFC		F8	5776					С	Medium	Low to Medium
MFC		FB	4915					С	Medium	Low to Medium
MFC		FB5	5658					С	Medium	Low to Medium
MFC		G	2665					С	Medium	Low to Medium
MFC		I	1265 **					С	Medium	Low to Medium
MFC		LB	4423					С	Medium	Low to Medium
MFC	Mankannia Olahal Onovith Olana	LF	5821					С	Medium	Low to Medium
MFC	Mackenzie Global Growth Class	LW	4478					С	Medium	Low to Medium
MFC		M	2482					С	Medium	Low to Medium
MFC		0	3029					С	Medium	Low to Medium
MFC		PW	6158					С	Medium	Low to Medium
MFC		PW	6716					U	Medium	Low to Medium
MFC		PWFB	6856					С	Medium	Low to Medium
MFC		PWFB5	5664					С	Medium	Low to Medium
MFC		PWT5	5667					С	Medium	Low to Medium
MFC		PWT8	6318					С	Medium	Low to Medium
MFC		PWX	6084					С	Medium	Low to Medium
MFC		T5	5703	5704	7290	5705		С	Medium	Low to Medium
MFC		Т8	2663	3588	7093	4045		С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	5279	5280		5281		С	Medium	Low to Medium
MFC		D	5282					С	Medium	Low to Medium
MFC		F	5283					С	Medium	Low to Medium
MFC		F5	5638					С	Medium	Low to Medium
MFC		F8	5284					С	Medium	Low to Medium
MFC		FB	5285					С	Medium	Low to Medium
MFC		FB5	5286					С	Medium	Low to Medium
MFC		0	5287					С	Medium	Low to Medium
MFC	Mackenzie Global Leadership Impact Fund	PW	5288					С	Medium	Low to Medium
MFC		PWFB	5292					С	Medium	Low to Medium
MFC		PWFB5	5293					С	Medium	Low to Medium
MFC		PWT5	5669					С	Medium	Low to Medium
MFC		PWT8	5289					С	Medium	Low to Medium
MFC		PWX	5294					С	Medium	Low to Medium
MFC		PWX8	5295					С	Medium	Low to Medium
MFC		T5	5700	5701		5702		С	Medium	Low to Medium
MFC		T8	5296	5297		5298		С	Medium	Low to Medium
MFC		Α	292	282	7006	3164	1607	С	Medium to High	Medium
MFC		D	4609					С	Medium to High	Medium
MFC		F	29					С	Medium to High	Medium
MFC		FB	4874					С	Medium to High	Medium
MFC		G	2226					С	Medium to High	Medium
MFC	Mackenzie Growth Fund	G-DAO	2150					С	Medium to High	Medium
MFC		1	192 **					С	Medium to High	Medium
MFC		0	1799					С	Medium to High	Medium
MFC		PW	6113					С	Medium to High	Medium
MFC		PWFB	6869					С	Medium to High	Medium
MFC		PWX	6039					С	Medium to High	Medium
MFC		Α	5033	5034		5035		С	Medium	Low to Medium
MFC		D	5036					С	Medium	Low to Medium
MFC		F	5037					С	Medium	Low to Medium
MFC		F5	5038					С	Medium	Low to Medium
MFC		F8	5649					С	Medium	Low to Medium
MFC		FB	5039					С	Medium	Low to Medium
MFC		FB5	5040					С	Medium	Low to Medium
MFC		0	5137					С	Medium	Low to Medium
MFC	Mackenzie High Diversification Canadian Equity Class	PW	6608					С	Medium	Low to Medium
MFC		PWFB	6870					С	Medium	Low to Medium
MFC		PWFB5	6871					С	Medium	Low to Medium
MFC		PWT5	6609					С	Medium	Low to Medium
MFC		PWT8	5679					С	Medium	Low to Medium
MFC		PWX	6657					С	Medium	Low to Medium
MFC		PWX5	6658					С	Medium	Low to Medium
MFC		T5	5041	5042		5043		С	Medium	Low to Medium
MFC		T8		5740		5741		С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		Α	5092	5093		5094		С	Medium to High	Medium
MFC		D	5095					С	Medium to High	Medium
MFC		F	5096					С	Medium to High	Medium
MFC		F5	5097					С	Medium to High	Medium
MFC		F8	5650					С	Medium to High	Medium
MFC		FB	5098					С	Medium to High	Medium
MFC		FB5	5099					С	Medium to High	Medium
MFC		0	5100					С	Medium to High	Medium
MFC	Mackenzie High Diversification Emerging Markets Equity Fund	PW	6636					С	Medium to High	Medium
MFC		PWFB	6872					С	Medium to High	Medium
MFC		PWFB5	6873					С	Medium to High	Medium
MFC		PWT5	6637					С	Medium to High	Medium
MFC		PWT8	5680					С	Medium to High	Medium
MFC		PWX	6638					С	Medium to High	Medium
MFC		PWX5	6639					С	Medium to High	Medium
MFC		T5	5101	5102		5103		С	Medium to High	Medium
MFC		T8	5742	5743		5744		С	Medium to High	Medium
MFC		Α	5056	5057		5058		С	Medium	Low to Medium
MFC		D	5059					С	Medium	Low to Medium
MFC		F	5060					С	Medium	Low to Medium
MFC		F5	5061					С	Medium	Low to Medium
MFC		F8	5652					С	Medium	Low to Medium
MFC		FB	5062					С	Medium	Low to Medium
MFC		FB5	5063					С	Medium	Low to Medium
MFC		0	5064					С	Medium	Low to Medium
MFC	Mackenzie High Diversification Global Equity Fund	PW	6618					С	Medium	Low to Medium
MFC		PWFB	6876					С	Medium	Low to Medium
MFC		PWFB5	6877					С	Medium	Low to Medium
MFC		PWT5	6619					С	Medium	Low to Medium
MFC	1	PWT8	5682					С	Medium	Low to Medium
MFC	1	PWX	6620					С	Medium	Low to Medium
MFC	1	PWX5	6621					С	Medium	Low to Medium
MFC	1	T5	5065	5066		5067		С	Medium	Low to Medium
MFC	1	T8	5748	5749		5750		С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	5044	5045		5046		С	Medium	Low to Medium
MFC		D	5047					С	Medium	Low to Medium
MFC		F	5048					С	Medium	Low to Medium
MFC		F5	5049					С	Medium	Low to Medium
MFC		F8	5654					С	Medium	Low to Medium
MFC		FB	5050					С	Medium	Low to Medium
MFC		FB5	5051					С	Medium	Low to Medium
MFC		0	5052					С	Medium	Low to Medium
MFC	Mackenzie High Diversification US Equity Fund	PW	6612					С	Medium	Low to Medium
MFC		PWFB	6880					С	Medium	Low to Medium
MFC		PWFB5	6881					С	Medium	Low to Medium
MFC		PWT5	6613					С	Medium	Low to Medium
MFC		PWT8	5684					С	Medium	Low to Medium
MFC		PWX	6614					С	Medium	Low to Medium
MFC		PWX5	6615					С	Medium	Low to Medium
MFC		T5	5053	5054		5055		С	Medium	Low to Medium
MFC		T8	5754	5755		5756		С	Medium	Low to Medium
MFC		Α	1030	1180	7078	2194	<mark>1695</mark>	С	Medium	Low to Medium
MFC		Α	4383	4514		<mark>4515</mark>		U	Medium	Low to Medium
MFC		D	4635					С	Medium	Low to Medium
MFC		D	<mark>4693</mark>					U	Medium	Low to Medium
MFC		F	1340					С	Medium	Low to Medium
MFC		F5	5779					С	Medium	Low to Medium
MFC		F8	5556					С	Medium	Low to Medium
MFC		FB	4910					С	Medium	Low to Medium
MFC		FB5	5922					С	Medium	Low to Medium
MFC		1	1240 **					С	Medium	Low to Medium
MFC		J	3845 **					С	Medium	Low to Medium
MFC	Mackenzie Ivy International Class	0	1798 **					С	Medium	Low to Medium
MFC	Wackenzie ivy international class	Р	2668					С	Medium	Low to Medium
MFC		PW	6161					С	Medium	Low to Medium
MFC		PW	6727					U	Medium	Low to Medium
MFC		PWFB	6883					С	Medium	Low to Medium
MFC		PWFB5	5923					С	Medium	Low to Medium
MFC		PWT5	6728					С	Medium	Low to Medium
MFC		PWT8	6320					С	Medium	Low to Medium
MFC		PWX	6087 **					С	Medium	Low to Medium
MFC		PWX8	6279 **					С	Medium	Low to Medium
MFC		SI	4384 **					С	Medium	Low to Medium
MFC		T5	2666	3589	7080	4046		С	Medium	Low to Medium
MFC		T8	2667	3590	7081	4047		С	Medium	Low to Medium

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COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	289	303	7010	3201	<mark>1653</mark>	С	Medium	Low to Medium
MFC		Α	706	806				U	Medium	Low to Medium
MFC		D	4612					С	Medium	Low to Medium
MFC		D	4683					U	Medium	Low to Medium
MFC		F	96					С	Medium	Low to Medium
MFC		F5	5566					С	Medium	Low to Medium
MFC		F8	5641					С	Medium	Low to Medium
MFC		FB	4877					С	Medium	Low to Medium
MFC		FB5	5657					С	Medium	Low to Medium
MFC		1	234					С	Medium	Low to Medium
MFC		LB	4465					С	Medium	Low to Medium
MFC	Mackenzie Ivy International Fund	LW	4469					С	Medium	Low to Medium
MFC		0	792					С	Medium	Low to Medium
MFC		PW	6160					С	Medium	Low to Medium
MFC		PW	6729					U	Medium	Low to Medium
MFC		PWFB	6884					С	Medium	Low to Medium
MFC		PWFB5	5663					С	Medium	Low to Medium
MFC		PWT5	5570					С	Medium	Low to Medium
MFC		PWT8	5673					С	Medium	Low to Medium
MFC		PWX	6086					С	Medium	Low to Medium
MFC		PWX8	5689					С	Medium	Low to Medium
MFC		T5	5567	5568	7284	5569		С	Medium	Low to Medium
MFC		T8	5715	5716	7294	5717		С	Medium	Low to Medium
MFC		LF	<mark>5866</mark>					С	Medium	Low to Medium
MFC		LF5	5877					С	Medium	Low to Medium
MFC		LW	5884					С	Medium	Low to Medium
MFC		LW5	5895					С	Medium	Low to Medium
MFC		0	5522					С	Medium	Low to Medium
MFC		PW	6562					С	Medium	Low to Medium
MFC		PWF	6566					С	Medium	Low to Medium
MFC	Mackenzie Private Canadian Focused Equity Pool	PWF5	6567					С	Medium	Low to Medium
MFC	Wackenzie Frivate Cariadian i ocused Equity Fooi	PWF8	5333					С	Medium	Low to Medium
MFC		PWFB	6961					С	Medium	Low to Medium
MFC		PWFB5	6962					С	Medium	Low to Medium
MFC		PWT5	6563					С	Medium	Low to Medium
MFC		PWT8	5322					С	Medium	Low to Medium
MFC		PWX	6564					С	Medium	Low to Medium
MFC		PWX5	6565					С	Medium	Low to Medium
MFC		PWX8	5344					С	Medium	Low to Medium
MFC		LF	5865					С	Medium	Low to Medium
MFC		LF5	5876					С	Medium	Low to Medium
MFC		LW	5883					С	Medium	Low to Medium
MFC		LW5	5894					С	Medium	Low to Medium
MFC		PW	6558					С	Medium	Low to Medium
MFC	Mackenzie Private Canadian Focused Equity Pool Class	PWF	6560					С	Medium	Low to Medium
MFC	Mackenzie i IIvate Ganadian i Ocused Equity Fooi Glass	PWF5	6561					С	Medium	Low to Medium
MFC		PWF8	5334					С	Medium	Low to Medium
MFC		PWFB	6959					С	Medium	Low to Medium
MFC		PWFB5	6960					С	Medium	Low to Medium
MFC		PWT5	6559					С	Medium	Low to Medium
MFC		PWT8	5323					С	Medium	Low to Medium

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COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		LF	5871					С	Medium	Low to Medium
MFC		LF5	<mark>5879</mark>					С	Medium	Low to Medium
MFC		LW	<mark>5889</mark>					С	Medium	Low to Medium
MFC		LW5	5897					С	Medium	Low to Medium
MFC		0	5525					С	Medium	Low to Medium
MFC		PW	6580					С	Medium	Low to Medium
MFC		PWF	6584					С	Medium	Low to Medium
MFC	Mackenzie Private Global Equity Pool	PWF5	6585					С	Medium	Low to Medium
MFC	Wackerizie i Tivate Global Equity i ooi	PWF8	5336					С	Medium	Low to Medium
MFC		PWFB	6968					С	Medium	Low to Medium
MFC		PWFB5	6969					С	Medium	Low to Medium
MFC		PWT5	6581					С	Medium	Low to Medium
MFC		PWT8	5325					С	Medium	Low to Medium
MFC		PWX	6582					С	Medium	Low to Medium
MFC		PWX5	6583					С	Medium	Low to Medium
MFC		PWX8	5346					С	Medium	Low to Medium
MFC		LF	<mark>5870</mark>					С	Medium	Low to Medium
MFC		LF5	<mark>5878</mark>					С	Medium	Low to Medium
MFC		LW	<mark>5888</mark>					С	Medium	Low to Medium
MFC		LW5	<mark>5896</mark>					С	Medium	Low to Medium
MFC		PW	6576					С	Medium	Low to Medium
MFC	Mackenzie Private Global Equity Pool Class	PWF	6578					С	Medium	Low to Medium
MFC	Mackenzie i Tivate Global Equity i doi Glass	PWF5	6579					С	Medium	Low to Medium
MFC		PWF8	5337					С	Medium	Low to Medium
MFC		PWFB	6966					С	Medium	Low to Medium
MFC		PWFB5	6967					С	Medium	Low to Medium
MFC		PWT5	6577					С	Medium	Low to Medium
MFC		PWT8	5326					С	Medium	Low to Medium
MFC		LF	<mark>5875</mark>					С	Medium	Low to Medium
MFC		LF5	<mark>5882</mark>					С	Medium	Low to Medium
MFC		LW	<mark>5893</mark>					С	Medium	Low to Medium
MFC		LW5	<mark>5900</mark>					С	Medium	Low to Medium
MFC		0	5528					С	Medium	Low to Medium
MFC		PW	6602					С	Medium	Low to Medium
MFC		PWF	6606					С	Medium	Low to Medium
MFC	Mackenzie Private U.S. Equity Pool	PWF5	6607					С	Medium	Low to Medium
MFC	Wackerizie i Tivate 0.3. Equity i 001	PWF8	5342					С	Medium	Low to Medium
MFC		PWFB	6976					С	Medium	Low to Medium
MFC		PWFB5	6977					С	Medium	Low to Medium
MFC		PWT5	6603					С	Medium	Low to Medium
MFC		PWT8	5331					С	Medium	Low to Medium
MFC		PWX	6604					С	Medium	Low to Medium
MFC		PWX5	6605					С	Medium	Low to Medium
MFC		PWX8	5350					С	Medium	Low to Medium
MFC		LF	5874					С	Medium	Low to Medium
MFC	_	LF5	5881					С	Medium	Low to Medium
MFC	_	LW	5892					С	Medium	Low to Medium
MFC		LW5	<mark>5899</mark>					С	Medium	Low to Medium
MFC	_	PW	6598					С	Medium	Low to Medium
MFC	Mackenzie Private U.S. Equity Pool Class	PWF	6600					С	Medium	Low to Medium
MFC	widekerizie i rivate o.o. Equity i ooi olass	PWF5	6601					С	Medium	Low to Medium
MFC		PWF8	5343					С	Medium	Low to Medium
MFC		PWFB	6974					С	Medium	Low to Medium
MFC		PWFB5	6975					С	Medium	Low to Medium
MFC		PWT5	6599					С	Medium	Low to Medium
MFC		PWT8	5332					С	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC		А	4732	4733	7231	4734		С	Medium	Low to Medium
MFC		D	4735					С	Medium	Low to Medium
MFC		F	4736					С	Medium	Low to Medium
MFC		F5	4737					С	Medium	Low to Medium
MFC		F8	5643					С	Medium	Low to Medium
MFC		FB	4992					С	Medium	Low to Medium
MFC		FB5	4993					С	Medium	Low to Medium
MFC		IG	<mark>5816</mark>					С	Medium	Low to Medium
MFC	Mackenzie US Dividend Fund	0	4738					С	Medium	Low to Medium
MFC		PW	6489					С	Medium	Low to Medium
MFC		PWFB	6918					С	Medium	Low to Medium
MFC		PWFB5	6919					С	Medium	Low to Medium
MFC		PWT5	6758					C	Medium	Low to Medium
MFC		PWT8	5808					С	Medium	Low to Medium
MFC		PWX	6491					С	Medium	Low to Medium
MFC		PWX8	5814					С	Medium	Low to Medium
MFC		T5	4739	4740	7232	4741		С	Medium	Low to Medium
MFC		T8	5721	5722	7296	5723		С	Medium	Low to Medium
MFC		Α	1019	1169	7064	2190	1691	C	Medium	Low to Medium
MFC		Α	2314	3329	7065	4282		U	Medium	Low to Medium
MFC		D	4631					С	Medium	Low to Medium
MFC		D	<mark>4691</mark>					U	Medium	Low to Medium
MFC		DZ	5608					С	Medium	Low to Medium
MFC		<u>F</u>	1329					С	Medium	Low to Medium
MFC		F	4388					U	Medium	Low to Medium
MFC		F8	5587					С	Medium	Low to Medium
MFC		FB	4903					С	Medium	Low to Medium
MFC		FB	5612					U	Medium	Low to Medium
MFC		FB5	5590					C	Medium	Low to Medium
MFC		G	3337					C	Medium	Low to Medium
MFC	Mackenzie US Growth Class	G-DAO	2326					C	Medium	Low to Medium
MFC		<u> </u>	1219					С	Medium	Low to Medium
MFC		J	5609 **					C	Medium	Low to Medium
MFC		0	3017					C	Medium	Low to Medium
MFC		PW	6162					C	Medium	Low to Medium
MFC		PW	6759					U	Medium	Low to Medium
MFC	P	PWFB	6921					C	Medium	Low to Medium
MFC		PWFB	<u>5611</u>					U	Medium	Low to Medium
MFC		PWFB5	5589					C	Medium	Low to Medium
MFC		PWT8	6761					C	Medium	Low to Medium
MFC		PWX	6088					C	Medium	Low to Medium
MFC		PWX	5610					U	Medium	Low to Medium
MFC		PWX8	5588					С	Medium	Low to Medium
MFC		T8	2670	3592	7066	4049		C	Medium	Low to Medium

COMPANY	LEGAL ENGLISH NAME	SERIES NAME	FE FUND NUMBER	BE FUND NUMBER	LL2 FUND NUMBER	LL3 FUND NUMBER	GFO FUND NUMBER	CURRENCY	PREVIOUS RISK RATINGS	NEW RISK RATINGS
MFC	Symmetry Equity Portfolio Class	А	2333	3340	7134	3341	<mark>4261</mark>	С	Medium	Low to Medium
MFC		В	3889	4252			<mark>4262</mark>	С	Medium	Low to Medium
MFC		С	3890	4253			<mark>4275</mark>	С	Medium	Low to Medium
MFC		D	4655					С	Medium	Low to Medium
MFC		F	2334					С	Medium	Low to Medium
MFC		F5	4592					С	Medium	Low to Medium
MFC		F8	5806					С	Medium	Low to Medium
MFC		FB	4934					С	Medium	Low to Medium
MFC		FB5	4935					С	Medium	Low to Medium
MFC		G	2834					С	Medium	Low to Medium
MFC		HW	2330					С	Medium	Low to Medium
MFC		I	2335					С	Medium	Low to Medium
MFC		LB	4424					С	Medium	Low to Medium
MFC		LF	5826					С	Medium	Low to Medium
MFC		LF5	5827					С	Medium	Low to Medium
MFC		LM	4452					С	Medium	Low to Medium
MFC		LW	4482					С	Medium	Low to Medium
MFC		LW5	5361					С	Medium	Low to Medium
MFC		LX	4463					С	Medium	Low to Medium
MFC		0	2336					С	Medium	Low to Medium
MFC		PW	6146					С	Medium	Low to Medium
MFC		PWFB	6947					С	Medium	Low to Medium
MFC		PWFB5	6948					С	Medium	Low to Medium
MFC		PWT5	6784					С	Medium	Low to Medium
MFC		PWT8	6311					С	Medium	Low to Medium
MFC		PWX	6072					С	Medium	Low to Medium
MFC		PWX8	6270					С	Medium	Low to Medium
MFC		T5	2692	3603	7135	4060		С	Medium	Low to Medium
MFC		T8	2693	3604	7136	4061		С	Medium	Low to Medium

NOTE: ** Closed to new purchases

FOR DEALER USE ONLY RISK RATINGS CHANGES - EFFECTIVE JUNE 28, 2019 LL3 FUND SERIES FE FUND BE FUND LL2 FUND PREVIOUS RISK **SERIES PWR** NEW RISK RATINGS **COMPANY** LEGAL ENGLISH NAME RATINGS NAME NUMBER NUMBER NUMBER NUMBER AR 166 266 566 366 766 Medium MRD Mackenzie Canadian Growth Fund Low to Medium 758 AR 158 258 358 MRD Mackenzie High Diversification Canadian Equity Class Medium Low to Medium MRD Mackenzie Emerging Markets Fund AR 181 281 581 381 781 Medium to High Medium 743 MRD Mackenzie Global Dividend Fund AR 143 243 543 343 Medium Low to Medium 774 MRD AR 174 274 374 Mackenzie Global Leadership Impact Fund Medium Low to Medium 763 MRD AR 163 263 363 Medium to High Mackenzie High Diversification Emerging Markets Equity Fund Medium MRD AR 160 260 360 760 Mackenzie High Diversification Global Equity Fund Medium Low to Medium MRD Mackenzie High Diversification US Equity Fund AR 159 259 359 759 Medium Low to Medium AR 148 748 MRD 248 548 348 Mackenzie US Dividend Fund Medium Low to Medium AR 170 270 570 770 MRD Mackenzie US Growth Class 370 Medium Low to Medium AR 127 MRD 227 527 327 727 Symmetry Equity Portfolio Class Medium Low to Medium MRD AR 189 289 589 389 789 Medium Mackenzie Canadian Large Cap Dividend Fund Low to Medium MRD Mackenzie Cundill US Class AR 186 286 586 386 786 Medium to High Medium MRD AR 188 288 588 388 788 Mackenzie Global Environmental Equity Fund Medium Low to Medium 283 383 783 MRD AR 183 583 Mackenzie Global Equity Fund Medium Low to Medium AR 184 284 384 784 MRD 584 Mackenzie Global Growth Class Medium Low to Medium AR 287 187 587 387 787 MRD Medium Low to Medium Mackenzie Ivy International Fund